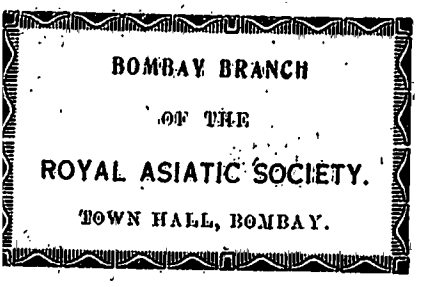
Bombay Municipality

Record of the Proceedings of the Standing Committee 1891-92

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# Bombay Municipality.

# RECORD OF THE PROCEEDINGS

OF

# THE STANDING COMMITTEE,

# 1891-92.

133796

# PART II.

## VOL. XV.

Part II.—PROCEEDINGS OF THE STANDING COMMITTEE AND APPENDICES.

*PREPARED BY THE*

MUNICIPAL SECRETARY.

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# PART II.

## PROCEEDINGS OF THE STANDING COMMITTEE OF THE MUNICIPAL CORPORATION OF BOMBAY.

BOMBAY, 1*st April* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., C.C.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R. E. ; CAPTAIN SIR HENRY MORLAND, Kt., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

Captain Sir Henry Morland was voted to the chair.

The minutes of the meeting held on the 24th ultimo, were signed.

In accordance with notice of motion it was proposed by the Hon'ble Mr. Fazulbhoy Visram, seconded by Cowasjee Hormusjee, Esq., that Captain Sir Henry Morland be re-appointed Chairman of the Standing Committee for the year 1891-92.

*Carried*, with acclamation.

Read letter No. 28965, dated 21st March 1891, to the Secretary, as under :—

SIR,—I have the honour to request sanction of the Standing Committee and the Corporation to the payment, out of Tobacco Duty Revenue, of Solicitors' charges amounting to Rs. 632-8-0 incurred by Tobacco Inspector Dattatraya Bhau, in defending himself against certain charges of corruption preferred against him by one Manku Chimu.

The case was investigated by the Collector of Land Revenue, who found the Tobacco Inspector not guilty of the charges, and Government, in their Resolution, Revenue Department, No. 4232, dated 18th June 1890, entirely concur in the conclusion arrived at by the Collector. Mr. Monteath, in his confidential report on the subject, has recorded his opinion that "it would . . . be a hardship to compel a man on small pay who is forced to defend himself against grave charges found to be without foundation, to

bear all the expense of having his defence conducted in a suitable manner." I concur in this opinion and trust the Corporation will do the same.—I have, &c., H. A. ACWORTH, Commissioner.

No. 3. *Resolved* : "That, as applied for by the Commissioner in his letter No. 28965, dated 24th March 1891, the Corporation be recommended, for the reasons stated therein, to sanction the payment of Solicitors' charges, amounting to Rs. 632-8-0 incurred by Tobacco Inspector Dattatraya Bhau, in defending himself against certain charges of corruption preferred against him by one Manku Chimu. The amount to be debited to the revenue from the Municipal duty on Tobacco."

No. 4. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 28938, dated 24th March 1891, sanction be given to the increasing of the rate from Rs. 5 to Rs. 10 per yard, for the 29·14 square yards of land acquired from Bhimabai, widow of Ramji Setiba, under the late Town Council's resolution No. 2051 of 1886, for the improvement of the junction of Kamathipura 4th Street.

Considered the following letter to the Commissioner, No. 3936, dated 25th March 1891 :—

SIR,—In continuation of this office No. 3468, dated the 16th ultimo, I have the honour to inform you that the estimate of expenditure on the new Municipal Building during 1891-92 amounts to Rs. 7,66,444-0-7, including Rs. 1,27,942-10-5, being the unexpended balance of the grant for 1890-91, which will have to be renewed during 1891-92.

2. The balance of the Building Fund on the 31st instant will amount to Rs. 2,66,100-3-5.*

3. May I therefore request the favour of your obtaining the sanction of the Standing Committee and the Corporation to the above sum of Rs. 7,66,444-0-7 being met partly from the balance of the Building Fund referred to above, by the sale of the Government paper in which it has been invested, and partly as an advance from the available loan reserve funds and other balances, pending the raising during 1891-92 of the loan of 8 lakhs sanctioned for the work.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

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* Government paper for Rs. 2,58,000 ... Rs. 2,55,063 2 0
In Cash ... ... ... ... ... „ 11,037 1 5
Rs. 2,66,100 3 5

No. 29059 OF 1890-91.

BOMBAY, *26th March* 1891.

Forwarded to the Standing Committee and the Corporation for favour of sanction.—H. A. ACWORTH, Commissioner.

No. 5. *Resolved* : "(1) That the following be forwarded to the Corporation :—Memorandum No. 29059, dated 26th March 1891, from the Commissioner, forwarding report of the Chief Accountant, who states that the estimated expenditure on the new Municipal building during 1891-92 is Rs. 7,66,444-0-7, including Rs. 1,27,942-10-5, being the unexpended balance of the grant for 1890-91, while the balance of the Building Fund on the 31st March will amount to Rs. 2,66,100-3-5.

"(2) That the Corporation be recommended to sanction the payment of Rs. 7,66,444-0-7 partly from the balance of the Building Fund by the sale of Government paper in which it has been invested, and partly as an advance from the available loan reserve funds and other balances, pending the raising during 1891-92 of the loan of Rs. 8 lakhs sanctioned on account of the work."

Read letter No. 29072 A, dated 26th March 1891, to the Secretary, as under :—

SIR,—I have the honour to request sanction of the Standing Committee and Corporation to the payment to Messrs. Glover & Co. of the sum of Rs. 96,000, being the bonus to which they are entitled, under clause 16 of their contract, on the Engineer's certifying, as he says he will be able to do on 1st proximo, that the whole work is complete.

2. I have further to request that sanction may be given to expenditure on the Tansa works being met from available balances in anticipation of the raising of the loan of 25 lakhs which is yet required to meet the cost of the work as shown in the revised estimates. It is manifestly inexpedient to raise the loan at the present time, and there is no other means by which the necessary expenditure can be met.—I have, &c., H. A. ACWORTH, Commissioner.

No. 6. *Resolved* : "That, as applied for by the Commissioner in his letter No. 29072A, dated 26th March 1891, the Corporation be recommended to sanction the payment to Messrs. Glover & Co., Contractors for the Tansa Lake Dam, of the sum of Rs. 96,000, the bonus to which they are entitled under clause 16 of their contract, on the Executive Engineer, Tansa, certifying that the whole of the dam work is complete.

"That the Corporation be also recommended to sanction expenditure on the remaining works from available balances, in anticipation of raising of the additional loan of 25 lakhs required to meet the balance of the cost, as shown in the revised estimates."

Sir Henry Morland said that he would give notice of his intention to move at the meeting of the Corporation called for the 9th instant, that the Corporation sanction the proposals contained in this resolution.

Considered letter No. 29108, dated 31st March 1891, to the Secretary, as under :—

SIR,—In forwarding copy of Government Resolution No. 1673, Political Department, dated 13th instant, I have the honour to state that I have appointed Mr. C. C. James as Assistant Engineer on Rs. 500 per mensem from 1st April 1891 for a term of 3 years, and request the sanction of the Standing Committee and the Corporation to my entering into an agreement with him for the aforesaid period.—I have, &c., H. A. ACWORTH, Commissioner.

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No. 1673, POLITICAL DEPARTMENT,

BOMBAY CASTLE, 13*th March* 1891.

Letter to the Municipal Commissioner for the City of Bombay, No. 1089, dated the 18th February 1891, enquiring whether it would be convenient to the Municipal Corporation to spare the services of Mr. J. J. B. Benson for service in a Native State, without prejudice to his Municipal service, for a period which may extend to three years.

Letter from ditto ditto No. 26228, dated the 19th February 1891, stating in reply to this Department letter No. 1089 of 18th idem, that he is willing that Mr. Benson should leave the Municipality without the three months' notice which he (Commissioner) is entitled to demand from him, but that he fears it is impossible, for reasons given, that Mr. Benson should be allowed to retain a lien on his Municipal appointment.

Letter to the Secretary to the Government of India, Foreign Department, No. 1356, dated the 28th February 1891.—Requesting, for the reasons stated, sanction to the appointment of Mr. J. J. B. Benson, an Engineer in the employment of the Municipal Corporation of Bombay, as State Engineer of Porbandar, in succession to Mr. R. Sandford on a salary of Rs. 1,000 a month for a fixed period of three years and with the travelling allowances admissible under the regulations ; stating that Mr. Benson will endeavour to interest the Kunvar Saheb of Porbandar in the administration of the Department and will take the place of Mr. F. B. O'Shea who is at present his tutor.

Telegram from the Secretary to the Government of India, Foreign Department, No. 1063-1, dated the 7th February 1891.

"Your letter No. 1356 of 28th ultimo. Mr. Benson's employment by Porbandar on terms stated sanctioned."

RESOLUTION.—Mr. Benson should be informed of his appointment to the Porbandar State on the following terms. His salary will be Rs. 1,000 a month, and his appointment is made for a term of three years subject to his continuing to give satisfaction to Government. He will receive travelling allowance admissible under the Regulations, and be permitted to occupy the Bungalow built by the State. His appointment will take effect from the 1st April 1891.

2. The Political Agent, Kathiawar, should be requested to arrange for Mr. F. B. O'Shea's reversion to the Postal Department on the 1st April 1891, and for the Kunvar Saheb's return to Porbandar on that date.

W. LEE-WARNER,
Secretary to Government.

No. 7. *Resolved*: "That, as recommended by the Commissioner in his letter No. 29108, dated 31st ultimo, the Corporation be recommended to sanction an agreement being entered into with Mr. C. C. James for his employment as Assistant Municipal Engineer, *vice* Mr. J. J. B. Benson, resigned, for a period of three years from 1st April 1891, on a salary of Rs. 500 per mensem."

In accordance with notice of motion, it was proposed by Cowasjee Hormusjee, Esq.—

"That the Municipal Commissioner be good enough to inform the Committee why, and by whose orders, the well, known as 'Khara Koova,' in Sheik Memon Street near Marwaree Bazaar, is being filled up."

The Commissioner said the water in the well was brackish and of indifferent quality, and that the well is now being closed in order that taps supplied with Vehar water may be substituted. If the well is found to be a historic one, or that any particular name is entitled to be associated with the well, he (Mr. Acworth) will have a tablet to that effect put up. He believed he could say with confidence that the well had no owner.

Mr. Cowasjee Hormusjee stated he was quite satisfied with the explanation given by the Commissioner.

Considered memorandum No. 29126, dated 31st March 1891 from the Commissioner to the Secretary, forwarding report No. 3983, dated 30th idem, from the Chief Account-

ant as under, and asking sanction to the renewal of the grants therein referred to :—

SIR,—As it will take some time to prepare detailed statements of the unexpended balances of the various lapsed grants (Revenue and Loan) for 1890-91, which require to be renewed during 1891-92, and as the sums legally due must be paid and works in progress carried on to completion, I have the honour to request the favour of your obtaining the sanction of the Standing Committee under Section 132 of the Municipal Act in the following cases, viz:—(1) Payments for sanctioned works already done and for establishment and labor already employed; (2) Payments for stores, stationery and other supplies already bought or used, and for printing, advertisement and other contingent charges already incurred; (3) Payment of interest and repayment of loans which became due during 1890-91 and previous years, but which still remain unpaid; (4) adjustment of interdepartmental charges for 1890-91 and previous years; (5) Payments towards completion of works still in progress up to the limits of the grants already sanctioned; (6) payments on account of pensions and gratuities which became due in 1890-91, but which were not drawn by the parties on account of illness or other causes.

2. Detailed statement of balances of the various grants requiring renewal will be submitted for the information of the Standing Committee as soon as the accounts for 1890-91 are closed.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

No. 9. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 29126, dated 31st March 1891, and pending preparation of the detailed statement of unexpended balances of the various lapsed grants (Revenue and Loan) for 1890-91, and as the sums legally due thereunder must be paid for works in progress and carried to completion, sanction be given to the payments (1) for sanctioned works already done and for establishment and labour already employed; (2) for stores, stationery and other supplies already bought or used, and for printing, advertising and other contingent charges already incurred; (3) on account of interest and payment of loans which became due during 1890-91 and previous years, but which still remain unpaid; (4) adjustment of interdepartmental charges for 1890-91 and previous years; (5) towards completion of works still in progress up to the limits of the grants already sanctioned; and (6) payments on account of pensions and gratuities which became due in 1890-91, but which were not drawn by the parties on account of illness or other causes."

Read letter No. 29136, dated 31st March 1891, to the Secretary, as under :—

SIR,—I have the honour to report that the total cost of Census work up to the end of February last is Rs. 21,856-12-5 and that Government have already paid their moiety, *viz.*, Rs. 10,928-6-3. The Corporation will have to provide a further grant of Rs. 1,928-6-2 out of surplus cash balance to defray their share of the expenses, as Rs. 7,000 have already been sanctioned in their Resolution No. 1479, dated 22nd May last, and an additional grant of Rs. 2,000 was applied for on the 17th March under this office No. 28198, to pay the enumerators.

The cost of the Census work during the year 1891-92, as estimated by the Provincial Superintendent of Census Operations, is Rs. 12,000, and I therefore request the Standing Committee to recommend the Corporation to sanction the payment of Rs. 6,000 from surplus cash balance as their moiety. This does not provide for the printing of the report, which the Corporation will of course wish to have prepared and submitted to them. This item may be estimated at from Rs. 3,500 to Rs. 4,000, and the total amount therefore, requiring to be sanctioned in 1891-92, will be Rs. 9,500 to Rs. 10,000.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Mulji Bhawanidas Barbhaya, Esq., seconded by Hurkinsondas Nurrotamdas, Esq.—

No. 10. "That, as applied for by the Commissioner in his letter No. 29136, dated 31st March 1891, the Corporation be recommended to sanction, in addition to the grants of Rs. 7,000 and Rs. 2,000 already made by the Municipality, the grant of Rs. 12,000 on account of the Census operations this year in the City of Bombay, made up as follows :—Rs. 1,928-6-2, the moiety of the balance of the charges up to 28th February last ; Rs. 6,000, the moiety of charges for establishment, &c., &c., until the completion of the work during 1891-92; and Rs. 4,000, the estimated full cost of printing the report, Government sharing the whole of the expenses equally, except the cost of printing the Report. The amount to be met from surplus cash balance."

*Carried.*

Mr. Mulji Bhawanidas Barbhaya said he would give notice of intention to move, at the meeting of the Corporation called for the 9th instant, that the Corporation sanction the grant asked for in this resolution.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 10, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 11.

Read letter No. 29113, dated 31st March 1891, to the Secretary, as under :—

SIR,—I have the honour to forward three tenders for the electric lighting of (*a*) the Crawford Markets; (*b*) Hornby Road and Esplanade Road, from the Queen's statue to the Fitzgerald lamp; (*c*) Esplanade Road, with the Crescent and Rampart Row as far as the Wellington Fountain; (*d*) Apollo Bandar Road and Pier; (*e*) Church Gate Street and Elphinstone Circle. These three tenders are all that have been received in response to advertisements in India, England and America. It is obvious that the terms are not attractive. The invitation was for lighting for a term of two years. The invitation for tenders issued last year was for the same term. The only conclusion I can form is that the term is too short to excite competition. The tenders work out as follows :—Messrs L. Falero & Co., Rs. 1,19,435-1-1, for one year, or Rs. 2,38,870-2-2 for two. Messrs. Ganz & Co., through Messrs. Volkart Brothers, Rs. 90,000 per annum, or Rs. 1,80,000 for two years. Manchester Edison Swan & Co. offer plant for the purpose intended, for £10,100, and for running and maintaining it £1,100 per annum; coal and water to be supplied by the Municipality. This tender works out, at 1*s.* 6*d.* the rupee, to Rs. 1,83,345, to which must be added the cost of coal and gas; but it is not in accordance with the specification which did not call for plant to be purchased.

2. It is clear to me that electric lighting cannot be undertaken on the basis on which we have hitherto proceeded, that is, by calling on firms to lay down expensive plant with no security that the contract will be continued or the plant purchased after two years. To arrive at our object, we must modify our method of procedure, and after giving much consideration to the matter I am of opinion that two workable alternatives present themselves: one that the Municipality should purchase the necessary plant and maintain it themselves at a first cost, approximately, of 2½ lakhs; the other, that they should contract with some firm of reputation to light for either one year, or two, as an experiment, a very much smaller portion of the City than was at first intended. There seems to be among practical electricians some hesitation in pronouncing that street lighting in a tropical city under the climatic conditions of Bombay can be carried out with positive certainty of success. It is but a doubt, but until it is resolved I should not advise the Corporation to sink a large capital sum in the purchase of plant, though I am at present of opinion that, should this doubt be proved to be groundless (as I think it will be) and electric lighting feasible, the Corporation should ultimately keep the electric lighting in their own hands. But in the meantime I would recommend the adoption of the second alternative. We have in this city a firm, Messrs. Volkart Brothers, who are agents to one of the most eminent and successful firms of electricians in the world, Messrs. Ganz & Co. The Standing Committee will remember that the tender which they submitted last year was considered the most satisfac-

tory and business-like of all, and I have no doubt that if the work which I propose is entrusted to them it will be as well and cheaply carried out as it is possible to be. I suggest that Messrs. Volkart Brothers, for Messrs. Ganz & Co., be asked to submit proposals for electric lighting of Hornby Road from the Arthur Crawford Markets to (*a*) the Victoria Station, (*b*) the Flora Fountain. What we wish to ascertain is the practicability of street lighting, and for this reason I say nothing about the Arthur Crawford Markets. We know that they can be internally lighted with success. The money voted by the Corporation, and of which about Rs. 58,500 is available, will suffice, I believe, amply to meet the cost of this experiment, and the course I propose seems to me to present the best and earliest solution of a difficult question which has now been long pending, but which no attempt must be made to solve rashly or hastily. If the Standing Committee approve of this suggestion I will ask Messrs. Volkart Brothers for estimates which I will submit to the Committee in due course for their consideration.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by E. B. Carroll, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

No. 12. "That, with reference to his letter No. 29113, dated 31st ultimo, the Commissioner be asked to obtain from Messrs. Volkart Brothers, Agents for Messrs. Ganz & Co., proposals for the lighting by electricity within the Budget grant, of Hornby Road from the Arthur Crawford Markets to (*a*) the Victoria Station and (*b*) the Frere Fountain, or so much of those roads as can be done within the grant.

"That these estimates be submitted for the consideration of the Committee when received."

*Carried* by 8 votes (*against* none).

No. 13. *Resolved* : "That, in reply to letter, dated 1st December 1890, the Corporation be recommended to inform Mr. Lalji Chamsi that, as the probable consumption of water in the charitable building in Bhendi Bazar referred to is reported to be small, it will be exempted from the levy of water tax or compounded sum; but as there is a drain connection there, the property is chargeable to the halalkhor tax."

No. 14. *Resolved* : "That the following be forwarded to the Commissioner for favour of report and that the applicant be informed accordingly :—Letter, dated 24th instant, from Mr. Manekshah J. Taleyarkhan, forwarding a memorial from the inhabitants of Chaopati, complaining of the want of a market in that locality."

The consideration of the following was postponed till next week to enable the Commissioner to report what amount Moroba Manickji contributed towards the Municipal Pension Fund :—Letter, dated 30th March 1891, from Casibai, widow of the late Moroba Manickjee, Sub-Inspector of Roads, requesting that she may be allowed a compassionate allowance owing to the death of her husband, who had served the Municipality for nearly 18 years.

No. 15.

The consideration of the following was postponed until amended Pension Rules are sanctioned by the Corporation :—Application from Mr. Ramchundra Mukundji, Head Clerk, Corporation and Standing Committee Office.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 29th March 1891.

The following return was read and *recorded* :—

Return of fires at Parbhadevi Road, Mazagon, Meadow Street and Kambekar Street, forwarded with the Commissioner's memorandum No. 28910, dated 24th March 1891.†

*Resolved* : " That the following be *recorded* :—Memoranda Nos. 29115 and 29116, dated 31st March 1891, from the Commissioner, reporting, with reference to the Standing Committee's Resolutions Nos. 5620, dated 9th January 1891, and 4484 and 7073, dated 3rd October 1888 and 19th February 1890, respectively, the transfer of Rs. 1,14,285-15-0—(1) of Rs. 25,000, from the surplus cash deposit account, to the Municipal Building Fund deposit account, on the 26th March 1891 ; (2) of Rs. 93-5-5, from the 7 lakhs Sanitary Works Loan deposit account No. 2 to the Municipal General Fund pass book on ditto ; (3) of Rs. 11,467-0-2, from the 12 lakhs Drainage and Water Works loan deposit account, to ditto on ditto ; (4) of Rs. 4,343-4-10 from the Miscellaneous Works Loan deposit account, to ditto on ditto ; (5) of Rs. 16,355-13-3 from the new Sanitary Works Loan deposit account No. 1 (44 lakhs) to ditto on ditto ; (6) of Rs. 1,620-10-1, from the surplus cash deposit account to ditto on ditto ; (7) of Rs. 1,368-11-11, from the 35 lakhs various Sanitary Works loan deposit account to ditto on

No. 17.

* *See* Appendix C. † *See* Appendix E.

ditto; (8) of Rs. 522-11-11 from the fund called the Municipal Commissioner's and the Controller of Municipal Accounts Sinking Fund deposit account to ditto on ditto; (9) of Rs. 26,514-5-5 from the Municipal Building Fund deposit account to ditto on ditto; (10) of Rs. 49,500-0-0, from the surplus cash deposit account to ditto on ditto."

*Resolved*: "That the Standing Committee approve, under the terms of Section 172 of the Municipal Act, of the levying of halalkhor tax in respect of house Nos. 45—47, Warden Road, lately occupied by H. H. the Maharaja of Mysore at the rate of Rs. 34-8-0 per mensem from 20th January 1891 up to the 10th March 1891.

No. 18.

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BOMBAY, 8*th April* 1891.

AT the meeting of the Standing Committee held this day, there were present:—

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman*,
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 1st instant, were signed.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Javerilal Umiashankar Yajnik—

"That the Corporation be recommended to sanction the payment, as a special case, to Casibai, widow of the late Moroba Manickji, Sub-Inspector of Roads, of Rs. 582-6-8, the equivalent of twelve months' wages of the deceased, calculated on the average pay drawn by him from 28th May 1885.

"That this recommendation is made on the ground that the deceased was an old servant, who did not live after his retirement to draw any pension, and that he had contributed Rs. 278 towards the Pension Fund."

*Amendment* moved by Captain Sir Henry Morland, seconded by Hurkisondas Nurrotumdas, Esq.—

"That in lieu of Resolution No. 11567 of 1890-91, and in view to the further circumstances now brought to notice and to several precedents already existing, the Corporation be recommended to sanction, as a

No. 188.

special case, the payment of Rs. 278 to Casibai, widow of Moroba Manickji, late Sub-Inspector, Road Department, being the amount of the pension contributions paid by her late husband to the Pension Fund."

The original motion was *withdrawn* and the *amendment*, which then became the substantive motion, was *carried* by 8 votes *against* three.

No. 189. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 603, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 190. *Resolved* : "That, as proposed by the Commissioner in his letter No. 116, dated 2nd instant, the Standing Committee, by virtue of Section 72 (3) of the Municipal Act, hereby authorize the Commissioner to accept the offer of the Manager of the Gas Company to supply gas coke for one year at Rs. 20-8-0 per ton.

"That the Committee authorize the Commissioner to enter into this contract, as the rate offered is fair, and as the Gas Company are the only manufacturers of coke in Bombay."

No. 191. *Resolved* : "That the following be *recorded* :—Letter No. 355, dated 4th instant, from the Commissioner, reporting the sale, by public auction, of the right of fishing for one year, from 1st idem, at Warli channel and sluices in Mingut Mandli, to Mr. Narayen Padama for Rs. 500, and at Dharavi sluices, to Mr. Pasku Antone for Rs. 30 ; the amounts realised last year being Rs. 600 and Rs. 50 respectively."

No. 192. *Resolved* : "That the following be *recorded*:—Letter No. 125, dated 2nd instant, from the Commissioner, reporting, as required by Rule XVI, Section C, of the Municipal Pension Rules, that he has appointed Mr. Damodhur Sadasiv, who is 42 years of age, as Junior Audit Clerk on Rs. 40 a month in the Chief Accountant's Office. Stating that the special reasons for this appointment are Mr. Damodhur's knowledge of accounts, and that he will not be allowed to contribute to the Pension Fund."

Read the following :—

No. 37 OF 1891-92.

BOMBAY, *4th April* 1891.

TO THE MUNICIPAL COMMISSIONER.

SIR,—In continuation of my No. 1999, dated the 20th ultimo, I have the honour to certify that the Tansa Dam works are now

completed, and the contractors, Messrs. Glover & Co., are entitled to the full bonus of Rs. 96,000 in accordance with the terms of clause 16 of the Contract Deed.—I have, &c., W. CLERKE, Executive Engineer, Tansa Works.

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No. 462 OF 1891-92.

BOMBAY, *6th April* 1891.

Copy forwarded to the Municipal Secretary in continuation of this Office No. 29072-A, dated 26th ultimo.—H. A. ACWORTH, Commissioner.

No. 193. *Resolved*: "That the following be forwarded to the Corporation in continuation of the Committee's resolution No. 6, dated 1st instant:—Memorandum No. 462, dated 6th idem, from the Commissioner, forwarding report from the Executive Engineer, Tansa Works, certifying the completion of the Tansa Dam works, and stating that the contractors, Messrs. Glover & Co., are entitled to the full bonus of Rs. 96,000, in accordance with clause 16 of their contract."

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji Bhowanidas Barbhaya, Esq.—

No. 194. "That, as applied for by the Commissioner in his letter No. 534, dated 7th instant, the Corporation be recommended to sanction the payment, from surplus cash balance, of Rs. 2,956, for the construction of a 12″ pipe sewer in extension of the Arthur Road, 15″ pipe sewer to the junction of Supari Bag Road and Government House Road, as this extension will enable the Jamshedji N. Petit Parsi Orphanage, as well as a large block of adjacent houses, to properly dispose of their sullage, which at present is either led into cesspools or diffuses itself into stagnating pools in the vicinity."

*Carried.*

No. 195. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 428, dated 6th instant, the Committee approve of an order in writing being issued, under Section 230 of the Act, to Mr. Kushal Ramji, authorising him to carry a drain from his premises Nos. 35—39, Kandawady Lane, into, through or under the land owned by Messrs. Haji Saboo Seedick and other trustees of the Haji Ismal Charity Fund, to the Municipal sewer thereat."

In accordance with notice of motion it was proposed by K. M. Shroff, Esq.—

"That the Municipal Commissioner be requested to furnish the Standing Committee with an estimate of the cost of insuring the new Municipal Building now in course of construction."

The Commissioner said he had already applied to Government for the removal of the wooden building known as the "Novelty Theatre," and that he hoped it will be removed before the next rains. He added that he would make inquiries as to the cost of insuring the new Municipal Office building.

Mr. Shroff stated that he was satisfied with the information supplied by the Commissioner.

In accordance with notice of motion, it was proposed by Captain Sir Henry Morland—

"That the Commissioner be asked to state (1) (*a*) whether the University authorities have consented to permit the clock face of the Rajabai Tower being illuminated by electric light; (*b*) whether any and what steps have been taken to illuminate the clock face; if so, when it will be illuminated? and (*c*) whether the desirability of illuminating the clock face from outside by reflecting the light thereon has been considered as compared with having the light inside the tower showing through the face.

No. 197.

"(2) What reduction in establishment and monthly saving in Budget grants, for the Tansa Water Works, will be effected, in consequence of the dam having been completed before the contract time.

"(3) Whether any, and if any, what saving will result in the Budget provision, for the Pawai Water Works, in consequence of the Vehar Lake being no longer supplemented from the Pawai Reservoir."

The Commissioner stated, with reference to (1), that he would inquire into the question of separately lighting the clock with electricity, but said, that he had understood, that the lighting would form part of the general experimental electric street-lighting. He also stated that he would inquire, whether the clock face could be lighted from the outside. With regard to (2), he informed the Committee that he would have a statement prepared showing what the saving will be on the Tansa staff. In reference to (3), he

said that at present, it was necessary to have a competent engineer, an engine cleaner, and a stoker, employed to look after the machinery, which had to be worked once a fortnight or so, but that the establishment employed, was the minimum necessary for the efficient maintenance of the machinery and plant at Pawai, and he was unable to say whether it would be necessary to use Pawai water or not.

No. 198. *Resolved*: "That the following be forwarded to the Commissioner for favour of remarks and that the applicant be informed accordingly :—Petition, dated 3rd instant, from Ratanbai, wife of Mr. Cowasji Bhicaji, requesting that refund of property tax may be allowed to her in respect of her property No. 1—2, Walkeshwar Road."

No. 199. *Resolved*: "That, as recommended by the Commissioner, in his memorandum No. 498, dated 7th instant, the Committee approve, under the terms of section 303 of the Municipal Act, of permission being granted to Messrs. Varjivandass Madhowdass and Hurkisondass Nurrotumdass to make or lay out a private street, twenty feet wide on their premises at Girgam Back Road on the following conditions :—That no building abutting on it shall be more than 30 feet in height. The levels to be such as the Commissioner shall prescribe, and the mode of connecting drains with Municipal drains shall also be such as he shall approve. The means of drainage of the buildings abutting on the street shall be such as the Commissioner shall approve."

No. 200. *Resolved*: "That, as applied for by the Commissioner in his letter No. 596, dated this day, sanction be given to the acceptance by him of the tender, the lowest of 9 received, of Messrs. Framji and Jeevanji at schedule rates, aggregating Rs. 76,475, for the construction of chawls in Khursetji Sukhlaji Street for halalkors."

No. 201. *Resolved*: "That, as recommended by the Municipal Secretary, sanction be given, to one month's privilege leave being granted to Mr. Narayen R. Damle, Clerk in the Committee's office, from the 9th instant."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 5th April 1891.

* *See* Appendix C.

The following return was read and *recorded* :—

Return of fires at Stone Bunder, Parel Road, 102 Surti Moholla, Duncan Road, Station Road (Grant Road), forwarded with the Commissioner's memorandum No. 1, dated 1st April 1891.*

No. 203. *Resolved* : "That, as applied for by the Commissioner in his letter No. 524, dated 7th instant, sanction be given, under section 517 (*j*) of the Municipal Act, to suits being filed in the Court of Small Causes as under :—Against (1) Mr. Bhiwa Tanajee Nakhwa, Rs. 1-6-3, for disconnecting the service pipe of his house on 2nd Nowroji Hill Road, on account of non-payment of water tax for 1st half of 1890-91 ; (2) Mr. Hormasji Jamsetji, Rs. 1-0-11, for cutting off the service pipe of house No. 30, Ward No. 2710, Kompta Street, on account of non-payment of water tax for 1st half 1890-91 ; and (3) against Mr. Bomanji Edalji Sunawalla, Rs. 1-6-2, for cutting the service pipe of house No. 212, Colaba Road, for the non-payment of water tax for the 1st and 2nd halves of 1889-90 and 1890-91 respectively."

Considered letter No. 602, dated this day, to the Secretary, as under :—

SIR,—I have the honour to forward a letter, dated 20th June last, from Mr. Clerke, relative to a small payment of Rs. 200 to Messrs. Glover & Co.'s medical officer at Tansa, Mr. Carroll, who has habitually attended to our own employés on the spot. I think the recommendation is thoroughly reasonable and hope that the Standing Committee will advice the Corporation to sanction the payment to the debit of the allotment for the works.—I have, &c., H. A. ACWORTH, Commissioner.

No. 543 OF 1890-91.

BOMBAY, 20*th June* 1890.

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to bring to your notice that since the commencement of the works at Tansa 4½ years ago, a large number of Municipal employés, mistries, kallasis, &c., have been employed there. Mr. Carroll, the medical assistant, employed by Messrs. Glover & Co. for their own work-people, has attended to the Municipal employés also, whenever they required medical assistance, which was very often, I would suggest for the favour of your consideration that Mr. Carroll should be made a present of, say, Rs. 200 in recognition of the service he has rendered to the Municipal staff employed at Tansa.—I have, &c., W. CLERKE, C. E., Executive Engineer, Tansa Works.

* *See* Appendix E.

*Resolved* : "That, as recommended by the Commissioner in his letter No. 602, dated this day, the Corporation be recommended to sanction the payment of Rs. 200 to Mr. Carroll for medical attendance on the Municipal staff employed on the Tansa Works. The amount to be debited to the allotment for the works."

No. 204.

Considered the list of "Outstanding Business."

Item 1, last para., as under :—Memorandum from the Municipal Secretary, forwarding petition, addressed to the Corporation, by Mr. Lalji Champsi, regarding the levy of water and halalkhor taxes in respect of the property situate at Parel Road, Bhendy Bazar, erected out of charitable funds for charitable purposes. Referred to the Commissioner for report—(10th December 1890).

Item 3.—On the subject of electric lighting in a part of the city. Temporary service of an electrician.

*Struck out*, having been disposed of last week.

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BOMBAY, 15*th April* 1891.

AT the Meeting of the Standing Committee, held this day, there were present :

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.E.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SIROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDASS BARBHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; the DEPUTY EXECUTIVE ENGINEER, Drainage Works ; and the SECRETARY.

The minutes of the meeting held on the 8th instant, were signed.

The seal of the Corporation was affixed to deeds of contract (1) with Messrs. Hirji & Raoji for the construction of sluice houses and for other works at Pawai ; (2) with Mr. N. J. Gamadia for the supply of good hill earth for covering town sweepings on the Flats during 1891-92 ; (3) with Messrs. A. McGrath & Co., for the supply of timber during ditto ; (4) with ditto for the supply of hardware during ditto ; (5) with Mr. Amroota Babaji for the supply of road metal during ditto ; and (6) with Messrs. Hassonally Molla Hakimji & Bros. for the supply of petty stores during ditto.

No. 541.

The seal was also affixed to 19 consolidated debentures of the Tansa Water Works Loan of Rs. 1,00,000 each, Nos. 21401 to 21600, 21601 to 21800, 21801 to 22000,

22001 to 22200, 22201 to 22400, 22401 to 22600 22601 to 22800, 22801 to 23000, 23001 to 23200, 23201 to 23400, 23401 to 23600, 23601 to 23800, 23801 to 24000, 24001 to 24200, 24201 to 24400, 9201 to 9400, 9001 to 9200, 1051 to 1250, 16795 to 16994.

No. 542. The sealing of contract with Mr. Sorabji Nowroji Moosa for the supply of carts and bullocks during 1891-92, was postponed.

No. 543. The deposit money of Messrs. T. Glover & Co., Rs. 2,45,000, for the faithful performance of their contract for the construction of the Tansa Dam Works being repayable to them under the terms of their contract, the follbwing Government paper and Municipal bonds were this day endorsed for payment to Messrs. Glover & Co. :—

*Government Paper.*

| | | | |
|---|---|---|---|
| 7 | of Rs. 500 | each ... ... ... ... | Rs. 3,500 |
| 27 | of „ 1,000 | „ ... ... ... ... | „ 27,000 |
| 4 | of „ 2,000 | „ ... .. ... ... | „ 8,000 |
| 1 | of „ 10,000 | „ ... ... ... ... | „ 10,000 |
| 39 | | | 48,500 |

*Municipal Bonds.*

| | | | |
|---|---|---|---|
| 5 | of Rs. 25,000 | each ... ... ... | Rs. 1,25,000 |
| 143 | of „ 500 | „ ... ... ... | „ 71,500 |
| 148 | | | 1,96,500 |

No. 544. *Resolved* : " That the following be *recorded* :—Memorandum No. 547, dated 7th instant, from the Commissioner, reporting, with reference to the Committee's Resolutions Nos. 4484 and 7073, dated 3rd October 1888 and 19th February 1890, respectively, the transfer of Rs. 2,17,068-6-5—(1) of Rs. 54,821-14-0, from the 12 lakhs Drainage and Water Works loan deposit account to the Municipal General Fund pass book, on 31st ultimo ; (2) of Rs. 40,000, from the Miscellaneous Works loan of 1888-89 deposit account to ditto on ditto ; (3) of Rs. 625 from the Municipal Building Fund to ditto on ditto ; (4) of Rs. 292-3-11, from the Drainage loan of 1878 to ditto on ditto ; (5) of Rs. 1,12,390-2-8, from the Tansa Loan deposit account No. 1 to ditto on ditto ; (6) Rs. 3,702-1-9, from the 44 lakhs Sanitary Works loan deposit account No. 1 to ditto on ditto ; (7) Rs. 3,290-9-9, from the 35 lakhs various Sanitary Works loan deposit account to ditto on ditto ; and (8) of Rs. 1,946-6-4, from the surplus cash deposit account, to ditto on ditto."

No. 545. *Resolved* : " That, as applied by the Commissioner, in his memoranda Nos. 750, 860 and 861, dated 9th and 10th instant, respectively, sanction be given under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Joggobaj Visram Khoja ... | Building at Ripon Road. |
| „ Abdula Gani ... ... | No. 63, Khandia Street. |
| „ Jakeria Sale Mahomed ... | „ 242, Arthur Road." |

No. 546. *Resolved* :—" That, as it appears the Commissioner has issued stringent orders for the prevention of similar irregularities in the future, and has severely reprimanded the officers concerned; that, as applied for by him in his letter No. 927, dated 10th instant, the Corporation be recommended to sanction the payment of Rs. 252-14-5, from the unappropriated balance of rupees one lakh for new works, to meet the cost of erecting a shed at the Ward Office, Dadur, for the purpose of sheltering the vehicles and horses of the Inspectors of the Engineer's and Assessment Departments, G. Ward."

No. 547. *Resolved* : " That the following be *recorded* :—Letter No. 787, dated 9th instant, from the Commissioner, reporting the sale, by public auction, of the right of fishing and planting and gathering singodas from the several Municipal tanks for the year 1891-92 as per following statement.

" 2. That the Standing Committee are of opinion that next year, the rights as regards the sums of Rs. 5 and under, should not be sold unless considerably increased rates are offered."

| Names of places. | Names of the Highest bidders. | Amount for 1890-91. | Amount for 1891-92. | |
|---|---|---|---|---|
| *Fishing, planting and gathering singodas.* | | Rs. a. p. | Rs. a. p. | |
| 1. Futka Tank at Matunga ... | Pandu Rama ... | 1 0 0 | 2 0 0 | |
| 2. Sivri Tank at Sivri ... | Pandu Rama ... | ..... | 2 0 0 | |
| 3. Salvi Tank at Parbhadevi. | Pandu Rama ... | | 3 0 0 | Sold in one lot for 1890-91. |
| 4. Diggi Tank at Mahim ... | Mangru Jagu ... | 75 0 0 | 105 0 0 | |
| 5. Hasali Tank ... ... | Pandu Rama ... | | 57 0 0 | |
| 6. Jambli Tank at Mahim ... | Sabi Niba. ... | | 26 0 0 | |
| 7. Satgao Tank at Sion ... | Ramchundra Dadu. | 2 0 0 | 2 0 0 | |
| 8. Water Hole Khelaka Khadak at Sion ... ... | Pudma Budhia. | 5 0 0 | 1 0 0 | |
| 9. Water Hole east side of Haines Road and north of Pradhan ... ... | Mangru Jagu ... | 5 8 0 | 2 0 0 | |

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 1246, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 548.

In accordance with notice of motion, it was proposed by K. M. Shroff, Esq.—

"That the Municipal Commissioner be requested to consider the project, and, if possible, to furnish the Standing Committee with an estimate of the cost of extending a pipe sewer from the junction of Sopari Bag and Government House Roads to the Government House Gate, Parel."

No. 549.

The motion was seconded and *carried*.

The Commissioner stated that he will submit an estimate at next week's meeting.

*Resolved* : "That the following be *recorded* :—Memorandum No. 573, dated 7th instant, from the Commissioner, submitting analyses of water at present delivered in the City as under" :—

No. 550.

*Sample of filtered Tulsi water obtained from the Malabar Hill Reservoir on the 30th March 1891.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·005 |
| Albuminoid ammonia ... ... | ·14 |

*Sample of unfiltered Vehar water obtained from the tap near Vehar Filters on the 31st March 1891.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·03 |
| Albuminoid ammonia ... ... | ·18 |

*Sample of unfiltered Vehar water obtained from the Bhandarwada Reservoir on the 1st instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·03 |
| Albuminoid ammonia ... ... | ·19 |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 12th April 1891.

*Resolved* : "That the following be *recorded* :—Letter No. 1124, dated 13th instant, from the Commissioner, reporting that he has sold by public auction, the right to collect water lilies from the Municipal tank at Naigam Road, for the current year to Mr. Mangru Jagu Bhoi, for Rs. 110."†

No. 551.

* See Appendix C.

† This sale realised Rs 100 last year.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 1238, dated this day, sanction be given to the loan to Messrs. John Fleming & Co. of a Municipal pressure pump for testing cast-iron pipes on the following terms :—On payment by them of eight annas per day, on their making good any damage done to the pump, and paying all expenses for alterations or for materials required as charged for private works."

No. 552.

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BOMBAY, 22*nd April* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

The minutes of the Meeting held on the 15th instant were signed.

Read letter No. 1789, dated this day, to the Secretary as under :—

SIR,—With reference to item No. 1 upon to-day's Standing Committee's agenda, I have the honour to say that the cart and bullock contractor has both verbally, in my presence, and in a letter addressed to the Executive Engineer, denied that he has sub-let any part of this contract.—I have, &c., H. A. ACWORTH, Commissioner, Bombay.

The seal of the Corporation was affixed to deeds of contract (1) with Messrs. Khimji Valubdass & Co. for the supply of disinfectants during the year 1891-92 ; (2) with the Indian Patent Stone Company for repairing filters at Bhandarwada Reservoir ; (3) with Messrs. Bomanji Ardeseer Dalal and Ramjee Bhapoobhoy for the supply of grain, &c., for the year 1891-92 ; and (4) with Mr. Sorabji Nowroji Moosa for the supply of carts and bullocks during the year 1891-92. The seal was also affixed to 57 attested duplicate debentures of the Drainage Loan of 1878, of Rs. 500 each, Nos. 2297-2299, 2538-2541, 2832-2881, and to 4 consolidated debentures of the Tansa Water Works Loan of Rs. 1,00,000 each, Nos. 15995/16194, 16195/16394, 16395/16594, and 16595/16794.

No. 898.

*Resolved*: "That, as applied for by the Commissioner, in his memoranda Nos. 1474, 1482, 1633 and 1634, dated 18th and 20th instant, sanction be given under Section 351 (2) of the Municipal Act to the removal of the following structures built without permission :— No. 899.

| Name of owner. | Where. |
|---|---|
| Mr. Haridas Kooverji... ... | No. 146-150, Khoja Street. |
| „ Babul Pillaji ... ... | No. 14-16, Nagdevi Street. |
| „ Mahadeo Goolab ... ... | Building at Gunpowder Road. |
| „ Shaik Saeb Shaik Esmael... | No. 6, DeLima Street.—Unsafe materials." |

In accordance with notice of motion, it was proposed by the Hon'ble Mr. Javerilal U. Yajnik—

"That the Municipal Commissioner be requested to furnish the Standing Committee with copies of the standing orders recently issued by him against incurring excess expenditure over the Budget grants by heads of departments."

In reference to this notice memorandum No. 1443, dated 16th instant, from the Commissioner, submitting a copy of the standing orders in question, was read and *recorded*. No. 900.

Considered memorandum No. 1629, dated 20th instant, from the Commissioner to the Secretary forwarding the following letter, dated 11th idem, from Messrs. Volkart Brothers on the subject of electric lighting :—

H. A. ACWORTH, Esq.,

Municipal Commissioner, Bombay.

"Sir,—We have the honor to submit for your approval herewith a project for the lighting of certain streets and places in Bombay by the electric light for one year, the costs being restricted to the amount already sanctioned and available for the said object. Our scheme comprises the lighting of the road commencing at the Crawford Market tower and ending on the Apollo Bandar. Along this we propose to place 17 arc-lamps of 16 amperes each and 136 incandescent lamps of 20 candle power, mounted on standards, drawings of which were submitted to you with our recent estimate.

The glow-lamps would be distributed nearly uniformly over the whole length of the road and the arc-lamps as follows :—

1 in front of the Crawford Market tower.
1 opposite to the entrance of the School of Art.
3 near the New Municipal Offices (opposite the Victoria Terminus).
2 at the Floral fountain.
2 at the Prince of Wales' statue.
2 opposite the Sailors' Home, and
6 opposite the Sirdar's mansions and on the Apollo Bandar.

The glow-lamps would burn per annum for the stipulated average of 3073·5 hours; the arc-lamps from sun-set till midnight every night throughout the year. After midnight these would be replaced by incandescents of 20-candle power mounted on brackets affixed to the arc-lamp posts.

The gas-lamps at present in use on the above area number about 165 at 15-candle power, making a total of 2475-candle power as compared with 2760-candle power of the projected incandescent lighting.

The additional amount of light given by the arc-lamps would be—according to the recent measurements of the Frankfort Expert Commission—approximately 600-candle power spherical measurement each, or 600·17 = 10200-candle power. If the lanterns were provided with opal glasses, about 25 per cent. of this amount would be absorbed or 2550-candle power, leaving 7650-candle power useful. This, added to the 2760-candle power of the glow lamps, makes a total of 10410-candle power, or say, 4·2 times the present amount of light.

The cost of the supply as above described would be Rs. 58,500 per annum, payable in equal monthly instalments, to commence at the end of the first month of lighting, it being understood that, in the case of the installation proving a success, at the end of the first year of working the Municipality would either prolong the contract on the present terms or purchase the whole original plant for the sum of Rs. 1,75,000 payable in cash at the termination of the first year from the date on which the start is effected. As previously settled, the Municipality will provide a site and shed at the Municipal Workshops for an engine-house and will also supply water for the boilers free of charge.

Though we do not think it likely that interruptions in the regular supply of light will occur, we deem it advisable to make the following stipulations concerning the matter of the success of the installation: *firstly*, should we be prevented by certain causes from supplying up to 5 per cent. of the abovementioned quantities of light, the deficiency shall not be considered to constitute a failure of the undertaking; and, *secondly*, should we further be temporarily prevented from fulfilling our contract by any accident or unforeseen circumstance entirely beyond our control, this shall also not be considered to be a failure, nor shall any reduction be made in consequence in the monies regularly due to us, provided we have exerted ourselves to continue the supply of light as speedily as possible under the circumstances.

In cases of uncertainty or dispute we believe that a settlement by arbitration on the usual terms would be likely to yield the most satisfactory results.

The above are in general lines the terms we would propose, and we believe them to be fair and in keeping with the circumstances under which this installation would be carried out.

We do not think it desirable now to enter on the question of terms for possible extensions of the electric lighting to other streets,

as we believe that such might from time to time be conveniently settled as the demand arises. The only understanding existing at present in this respect relates to the supply of electricity to buildings along existing cable lines which as you have already informed us there would be no objection to our undertaking.

As regards the installation technically, we have only to remark that the same is planned on almost the same lines as on the two previous occasions, a complete set of reserve generating plant, consisting of boiler, engine and alternating current dynamo with separate exciter would be supplied, and in this case the reserve would be an exact duplicate of the supply plant, and therefore capable of generating current to feed the whole number of lamps. The steam engines estimated for are triple expansion high-speed machines, the boilers of the tubular safety type for a working pressure of 150 lbs. per square inch. The primary cables (of which we send a sample) would be double lead covered and iron taped, the secondary leads encased in double lead only. These we intend, laying in brick-work troughs about 2 feet below the surface of the road.

We need hardly assure you that we would endeavour in every way to turn out a first class installation, and we have confidence that we would be able to overcome the special technical difficulties to be surmounted in an efficient manner, and to give you complete satisfaction should you decide on entrusting us with the execution of your valued order.—We have, &c.,

VOLKART BROTHERS, Bombay.
Electro-technical Department.
ARCHIBALD A. CRAWFORD, Engineer.

Proposed by Capt. Sir Henry Morland, seconded by Kaikhosro N. Kabraji, Esq.—

"That letter forwarded by the Commissioner, with his memorandum No. 1629, dated 20th instant, from Messrs. Volkart Brothers, tendering for the electric lighting of a certain portion of the city, be forwarded to the Corporation, with a recommendation that the Commissioner be authorised to invite fresh tenders for electric lighting, including a clause for the continuance of such contract as may be agreed upon or for the purchase of the plant at an estimated cost of about Rupees two lakhs, such lighting being from the Arthur Crawford Market tower along the Esplanade and Hornby Roads to the Apollo Bunder, including lighting those Markets, Church Gate Street and Elphinstone Circle.

No. 901.

*Amendment* proposed by K. M. Shroff, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That in view of the increased expenditure on account of police charges which Government have asked the Corporation to bear, the Standing Committee recommend the

Corporation to postpone the question of electric lighting *sine die.*"

On a division the *amendment* was *lost*, the votes being 3 *for* and 8 *against.*

The original motion was *carried* by 9 votes *against* 3.

Considered letter No. 1644, dated 20th instant, to the Secretary, as under :—

SIR,—With reference to item 34 on the agenda paper of the Corporation for the current month, I have the honour to report that the Chief Accountant was absent on privilege leave last year from 1st September to 20th October 1890, during which the Deputy Accountant, Mr. Manekshaw Cowashaw, acted for him. The latter will naturally receive acting allowance for the last 20 days of this period ; but I would beg that as a special case the new rules may be anticipated, and that he may also be allowed acting allowance for the first 30 days of Mr. Sorabji's absence in consideration of the very great excess of responsibility which the tenure of the Chief Accountant's office entails.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Hurkisondass Nurotumdas, Esq.—

No. 902. "That, as recommended by the Commissioner, in his letter No. 1644, dated 20th instant, the Corporation be recommended to sanction, as a special case, the payment of Rs. 140 to Mr. Manekshaw Cowashaw, an acting allowance on the minimum salary of the appointment from 1st to 30th September 1890, for which time he acted for the Chief Accountant during the absence on privilege leave of Mr. Sorabji N. Cooper."

*Carried.*

No. 903. *Resolved* : "That the following be forwarded to the Commissioner for favor of remarks and that the applicant be informed accordingly :—Further letter from Mr. Sumsoodin Sulamanji on the subject of nuisance from drain on the site of the old race course."

No. 904. *Resolved* : "That the following be forwarded to the Commissioner for favor of remarks and that the applicant be informed accordingly :—Letter from Mrs. Margaret Baker, requesting that she may be allowed a compassionate allowance in respect of the services of her deceased husband, late Inspector of the Drainage Department."

No. 905. *Resolved*: "That, in reply to his letter, dated 15th instant, Mr. Rustomji Cowasji Jaboolee be informed that the amount of his pension,

Rs. 41-10-0 per mensem, was fixed after careful enquiry by the Standing Committee, and that his request to be allowed a higher rate of pension cannot be complied with."

No. 906. *Resolved* : "That the following be forwarded to the Commissioner for report, and that the applicant be informed accordingly :—Memorandum from the Municipal Secretary, submitting petition addressed to the Corporation by Mr. Gopaldas Rowji, stating that a urinal in close proximity to his house in Khoja Street, Null Bazaar, causes great nuisance to him."

No. 907. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 1798, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 907A. *Resolved* : "That the Progress Report, up to the end of March 1891, of works in course of construction, be laid on the table and brought on for consideration next week."

No. 908. *Resolved* : "That the following be *recorded* :—Memorandum No. 1357, dated 15th instant, from the Commissioner, submitting report from the Health Officer, shewing analyses of Vehar and Tulsi waters at present delivered in the City, as under. Stating that the filtration has been very imperfectly performed. Practically the filtered water is nearly as impure as the unfiltered :—

*Sample of filtered Tulsi water obtained from the Malabar Hill Reservoir on the 13th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·02 |
| Albuminoid ammonia ... ... | ·18 |

*Sample of unfiltered Vehar water obtained from the Bhandarwada Reservoir on the 13th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·005 |
| Albuminoid ammonia ... ... | ·20" |

No. 909. *Resolved* : "That, as recommended by the Municipal Secretary, sanction be given to one month's privilege leave being granted to Mr. Ramchundra Makundji, Head Clerk in the Committee's Office, from such date as the Secretary may arrange for."

No. 910. *Resolved* : "That sanction be given to the transfer of Rs. 15 from savings in section III., Fees payable to members of the Standing Committee, to section II., Establishment, Corporation and Standing

Committee's Budget, to meet the salary of an extra clerk appointed for one month during the absence on privilege leave of the second clerk."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 19th April 1891.

The following return was read and *recorded* :—

Return of fire at Mody Bundar, forwarded with the Commissioner's memorandum No. 1240, dated 15th April 1891.†

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 1896 A, dated this day, sanction be given to the hiring of twenty pairs of bullocks with carts and drivers for the Health Department until such time as new bullocks are obtained from Poona. The cost to be debited to 2, Labour, A, Scavengering (Labour and Feed of bullocks), Public Health Department Budget."

No. 912.

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BOMBAY, *29th April* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

On the motion of Cowasjee Hormusjee, Esq., seconded by Colonel Wilson, Colonel Merewether was voted to the chair.

In resolution No. 902, dated 22nd instant, the figures "140" were altered to "240" and the words "on the minimum salary of the appointment" were struck out.

With these alterations the minutes of the meeting held on the 22nd instant were signed.

The seal of the Corporation was affixed (1) to deed of indenture for the surrender to Government of the lease of certain land in Cursetji Suklaji Street, the greater portion of which land is about to be made over to the Corporation under a new lease; and (2) to deed of contract with the Gas Company for the supply of coke during 1891-92. The seal was also affixed to 2 con-

No. 1111.

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* *See* Appendix C. † *See* Appendix E.

solidated debentures of the Bombay Municipal Drainage and Water Works Loan, of Rs. 1,00,000 each, Nos. 31/230 and 231/430, both inclusive.

*Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 1923, 1924, 1925, 1926, 1927 and 1928, dated 23rd instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

No. 1112.

| Name of Owner. | Where. |
|---|---|
| Mr. Anandrao Bowanirao Joshi ... | No. 26, Kolbhat Road. |
| „ Haridas Kuverji ... | ... Nos. 169, 171 & 173, Duncan Road. |
| „ Ganuba Tukaram... | ... Building at Arthur Road. |
| „ Hoosain Rahim ... | ... Do. at Ripon Road. |
| „ D. Texeira ... | ... No. 19, Dolker Street. |
| „ Abdool Satar ... | ... „ 170, Dadar Road." |

In accordance with notice of motion it was—

Proposed by K. M. Shroff, Esq.—

"That the Municipal Commissioner be requested to give information on the following :—

"(*a*) Why a part of the public road by the side of Wadia Fountain in Bazaar Gate Street, Fort, is being covered with asphalte ?

"(*b*) Why the asphalted foot-path between the office of the Commissioner of Police, Byculla, and the Byculla Station, is being removed ?

"(*c*) Why of late, in metalling some of the roads, the roads are dug up about a foot and a half, a fresh bedding of boulders is laid on, and thick metalling is put on as if the roads are made *de novo* ?"

Referring to (*a*) the Commissioner said asphalte is not being used, the material is tarred road-metal.

As to (*b*) the composition is being removed because it is worn out by age.

With regard to (*c*) the process referred to is necessary in cases in which the roads were not originally properly packed.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 2369, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 1114.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 2009, dated 24th instant, sanction be given, under section 69 (*c*) of the Municipal Act, to the acceptance by him of the tender of Messrs. Turner, Morrison & Co., Agents for the Indian Patent Stone

No. 1115.

Company, for the execution of certain work at the Malabar Hill Reservoir settling basin and inlet works, at the following rates :—

| | | Per 100 square feet. |
|---|---|---|
| For removing the old mortar from the walls and then pointing them, as required, with Indian patent stone... ... ... ... | Rs. | 41 |
| For covering floors with Indian patent stone, one inch in thickness ... ... ... | „ | 33 |
| For removing old mortar from, and repointing pavement of, inlet channel ... ... ... | „ | 25 |

"That, under section 72 (3) of the Act, the Committee dispense with the invitation for tenders which would otherwise be necessary, as the above Company is specially qualified for the performance of the work in question."

*Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 1922 and 2083, dated 23rd and 25th instant, sanction be given under section 517 (*j*) of the Municipal Act, to the filing of suits in the Court of Small Causes against Kurmalli Jusub Daotani and Ismail Salemahomed Bhatoo for the recovery of Rs. 0-13-10 and Rs. 0-12-8 for expenses incurred in cutting off the water service pipe of their houses, Ward No. 3327, Oomerkhadi Street, and No. 3017, Samuel Street, in January last on account of non-payment of water rate bills."

No. 1116.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 2260, dated 28th instant, sanction be given, under section 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Messrs. Shricrishna Nanabhai, Janardhan Nanabhai, Shamroo Nanabhai and Yeshwant Nanabhai, for the recovery of Rs. 62-1-10, being the amount of property taxes due by them for the second half of 1889-90 and first and second half of 1890-91 in respect of their property in Dukerwadi."

No. 1117.

*Resolved* : "That, as the materials in question are unsuited for use in the drainage works now in progress, and that, as applied for by the Commissioner in his memorandum No. 2082, dated 25th instant, sanction be given to the issue, at the nominal price of 8 annas per piece, of the old half socket stoneware pipes (which have been lying idle in the Municipal Workshops for many years past and for which no reasonable offer was received when put up to public auction recently) for use on such

No. 1118.

Municipal works as the drainage of the cages in the Victoria Gardens, the Matunga Leper Home, and similar works.

"That the Corporation be recommended to sanction the writing off of the book value of the said pipes at Rs. 1-5-0 per pipe, or Rs. 6,959 in all."

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 2081, dated 25th instant, sanction be given to the payment, to Messrs. Mahomed Essoof Khulkhuttay and Abdool Cadur Khulkhuttay instead of Mr. Shaik Ahmed bin Mahomed Huson, of the compensation payable (at the rate of Rs. 20 per square yard) for the 11·95 yards or thereabouts of ground taken up for the improvement line of Old Kazi Street, under the Town Council Resolution No. 306 of 18th February 1879."..

No. 1119.

*Resolved*: "That, with reference to memorandum No. 1800, dated 22nd instant, from the Commissioner, forwarding statement showing the savings that will accrue on establishment charges owing to the completion of the Tansa Dam Works, the Commissioner be asked to furnish the Committee with a statement showing the total savings on the original estimates for establishment, assuming that the work had not been completed till the expiration of the contract period as against the payment of Rs. 96,000 to Messrs. Glover & Co., the contractors, as bonus for the completion of the dam within the contract period."

No. 1120.

Proposed by K. M. Shroff, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the consideration of the subject (writing off of the book value of Health Department bullocks) be postponed for a week or fortnight, and that the Municipal Commissioner be requested to furnish a comparative statement of the mortality of the live stock of the Health Department, together with the number consigned to the Pinjrapole, during each of the quarters of the last three years, and also to furnish a report on the working of the system of giving increased rations to a number of animals as recommended by the Committee of the Corporation appointed about three years ago."

No. 1121.

*Carried.*

*Resolved*: "That, as recommended by the Commissioner in his letter No. 2021, dated 24th instant, sanction be given to the proposed arrangement of paying the Registration karkoons by salaries of five

No. 1122.

grades, *viz.*, Rs. 13, 12, 11, 10, and 9 per mensem in proportion to the average number of births collected by them every month, the cost, Rs. 416 per mensem, to be debited to the budget provision of Rs. 429 a month."

*Resolved*: "That, as applied for by the Commissioner in his letter No. 1905, dated 23rd instant, sanction be given, under the terms of section 169 of the Municipal Act, to charging the Bombay Tramway Company Rs. 10 per mensem during 1891-92 for water casually drawn from the following places for drinking purposes:—Byculla Bridge, Carnac Bridge, Parel Terminus, Bazar Gate, Dhobi Talao, Elphinstone Circle, Portuguese Church, Wari Bunder, Grant Road, and Pydhonie." No. 1123.

Considered letter No. 2224, dated 27th instant, to the Secretary, as under :—

SIR,—I have the honour to say that the different Fire Insurance Offices have been consulted and the lowest offer made is that of Messrs. Volkart Brothers, who offer to insure at annas 2 ($\frac{1}{8}$ per cent.) per annum during construction and annas $\frac{1}{2}$ ($\frac{3}{32}$ per cent.) after completion. Taking the value at 13 lakhs, this would mean Rs. 1,625 and Rs. 1,220. The vicinity of the Novelty Theatre is generally regarded as a danger. On this point I am in communication with Government, and hope to see it removed before the rains. Insurance is more important while the building is under construction than it will be afterwards, as there is a great deal of inflammable matter lying about, and of course as yet no fire service exists, it should be considered, however, whether instead of paying premia to an Insurance Company we should not add, say, Rs 1,250 annually to the Municipal Building Fire Insurance Fund which was specially created in 1888-89 for other Municipal building.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That the Corporation be recommended to sanction the grant of Rs. 1,200 to provide for the cost of insuring for one year the new Municipal Office building for Rs. 9 lakhs subject to reduction or proportionate refund in the premium on the removal of the Novelty Theatre. The amount to be debited to surplus cash balance." No. 1124.

Mr. Mulji Bhawanidas Barbhaya gave notice that at the meeting of the Corporation called for the 7th proximo he will move for sanction in this case.

Memorandum No. 2171, dated 27th instant, from the Commissioner, submitting for consideration report from Mr. Nicholls, Chief of the Fire Bregiade, as to making a portion of the large room on the basement (north side) of

the present Municipal Office fireproof for the storage of valuable records at a cost of Rs. 1,331, including Rs. 300 for hand pumps.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 2171, dated 27th instant, the Corporation be recommended to sanction the expenditure of Rs. 300 from surplus cash balance to provide for the cost of three corridor hand pumps required to be kept in the present Municipal Office building in case of fire breaking out therein." No. 1125.

Proposed by Mulji Bhawanidas Barbhaya, Esq., seconded by the Hon'ble Mr. Fazalbhai Visram—

"That the following be *recorded* :—Letter No. 2204, dated 27th instant, from the Commissioner, forwarding, with reference to the resolution of the Standing Committee, No. 549, dated 15th instant, an estimate of the cost of extending a pipe sewer from the junction of Suparibag and Government House Roads to the Government House Gate, Parel." No. 1126.

*Amendment* moved by K. M. Shroff, Esq.—

"That the Corporation be recommended to sanction the construction of the pipe sewer at the cost estimated by the Executive Engineer, Rs. 15,999."

*Not seconded.*

The original motion was *carried.*

Considered the Progress Reports, up to the end of March 1891, of new works now in course of construction.*

*Relsolved*: "That the Progress Report, up to the end of March 1891, of works in course of construction, be *recorded.*" No. 1127.

*Resolved*: "That letter No. 2094, dated 25th instant, from the Commissioner, on the subject of banking the Municipal Funds be printed and circulated confidentially to the members of the Committee and brought for consideration next week." No. 1128.

*Resolved*: "That the following be *recorded* :—Memorandum No. 1736, dated 21st instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000—(1) of No. 1129.

* See Appendix D.

Rs. 50,000 from the 35 lakhs Various Sanitary Works Loan deposit account to the Municipal General Fund Pass book on the 18th April 1891 ; and (2) of Rs. 1,00,000 from the Miscellaneous Works Loan of 1888-89 deposit account to ditto on ditto."

No. 1130. *Resolved* : "That, in reply to their petition, dated 24th ultimo, Mr. Manekshah J. Taleyarkhan and others be informed that there does not appear to be any urgent necessity for the establishment of a Municipal Market at Chaopati."

No. 1131. *Resolved* : "That the following be forwarded to the Commissioner for favour of remarks, and that the applicant be informed accordingly :—Memorandum from the Municipal Secretary, forwarding application, dated 20th instant, addressed to the Corporation, by Mr. Morlidhur Cutchoo, regarding the assessment of his property No. 390, Falkland Road."

No. 1132. *Resolved* : "That the following be forwarded to the Commissioner for favour of remarks, and that the applicant be informed accordingly :—Letter, dated 21st instant, from Mr. M. C. D. Motisha, complaining of the defective lighting of kerosine lamps in Naigaum (Matunga Road)."

No. 1133. *Resolved* : "That the following be *recorded* :—Memorandum No. 1929, dated 23rd instant, from the Commissioner, submitting report from the Health Officer, showing analyses of Vehar and Tulsi waters at present delivered in the City as under :—

*Sample of filtered Tulsi water obtained from the Malabar Hill Reservoir on the 20th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·005 |
| Albuminoid ammonia ... ... | ·17 |

*Sample of unfiltered Vehar water obtained from the Bhandarwada Reservoir on the 20th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | trace. |
| Albuminoid ammonia ... ... | ·20 " |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 26th April 1891.

* *See* Appendix C.

The following return was read and *recorded* :—

Return of fires at Duncan Road (Byculla), Victoria Bandar (Lower Colaba), 72, Kharsetji Suklaji Street, and forwarded with the Commissioner's memorandum No. 1790, dated 22nd April 1891.*

*Resolved* : "That the following be *recorded*:—Letter No. 2370, dated 29th instant, from the Commissioner, reporting that he has accepted the tender of Messrs. Walsh, Lovett & Co., the lowest of 5 tenders received, for the supply of fifty $\frac{3}{4}$" Tyler's meters at Rs. 27-12-0 each. The amount to be met out of the advance for purchasing Water Works fittings." No. 1135.

The Commissioner made a statement regarding Messrs. Glover & Co.'s claim for additional rates on account of the construction of the Tansa Dam (*see* file of confidential papers kept by the Secretary, No. 280).

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BOMBAY, 6*th May* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S, F.R.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISLAM ; HURKISONDAS NURROTUMDAS, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARPHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

The minutes of the meeting held on the 29th instant, were signed.

*Resolved* : "That, under the circumstances mentioned in the Executive Engineer's memorandum No. 1110 B, dated 23rd ultimo, and memorandum from the Commissioner, No. 2304, dated 28th idem, thereon, the Committee assent to the Commissioner's disapproving, under section 348 (1) (*b*) of the Act, of the building plan submitted by Mr. Dawudbhoy Musabhoy shown on the tracing ( accompanying the Executive Engineer's letter No. 1110 B, dated 23rd April 1891 ), marked A, dated this day, and filed in supplement to minute book, as No. 1399.

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* *See* Appendix E.

the direction and position of the streets likely to be required in the said locality have not yet been laid down or determined."

No. 1400. The seal of the Corporation was affixed to (1) deed of contract with Mr. Rahim Ebrahim Jamalani for the supply of firewood, during the year 1891-92, for cremation purposes; (2) with Messrs. Richardson and Cruddas for the supply of iron castings during the year 1891-92; and (3) with Messrs. Fakirji Pestonji & Co., for annual repairs, petty works, and supply of building materials during the year 1891-92.

No. 1401. *Resolved*: "That, as applied for by the Commissioner in his memoranda Nos. 2263, 2305, 2472, 2473, 2474, 2475, 2476, 2477 and 2478, dated 28th and 30th ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | Where. |
|---|---|
| Bai Parwatibai ... ... | Nos. 3 and 5, 1st Carpenter Street. |
| Mr. Madhu Vithul ... ... | Building at Parel Tank Road. |
| „ Tookaram Ganooji ... | Do. at Wari Bunder Road. |
| „ J. Britto ... ... | No. 851, Wadalla Road. |
| „ Lakamsi Napú ... ... | Building at Supari Bag Road. |
| „ Francis Pascoal ... ... | No. 774, Wadalla Road. |
| „ Luxman Ramji ... ... | Building at Naigam Road. |
| „ Bhairoo Malari ... ... | Do. at Gibbs Road. |
| „ Hasanalli Suliman Lookmanji. | Do. at Parel Chambar Lane." |

No. 1402. *Resolved*: "That the following be *recorded*:—Letter from the Municipal Commissioner, reporting that he has sold the right of taking mangoes from two hundred trees at Pawai, to one Mr. Siva Narayen Shunkar, for Rs. 275."

No. 1403. *Resolved*: "That the following be *recorded*:—Letter from the Commissioner, reporting that he has sold the rights of cultivating Municipal lands and of fishing in Municipal tanks during 1891-92 as per following statement:—

*Comparative Statement shewing the annual amount realized for the rights to cultivate, &c., certain Municipal lands and places in the charge of the Health Department for the years* 1888-89, 1889-90, 1890-91 *and* 1891-92.

| No. | Names of Leaseholders. | Description of Lands, &c. | Area of Lands let. | For what purpose. | Amount realized in. | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1888-89. | | 1889-90. | | 1890-91. | | 1891-92. | |
| | | | | | Rs. | a. p. | Rs. | a. p. | Rs. | a. p. | Rs. | a. p. |
| 1 | Jankoo Gopal ... ... ... | Municipal ground at Dharavi Road, Mahim. | 8,400 Sq. Yd. | Cultivation ... | 600 | 0 0 | 200 | 0 0 | 200 | 0 0 | 325 | 0 0 |
| 2 | Amboo Krishnaji and Poonja Muckaji. | Sides of the open drain adjoining the ground on west side of Arthur Road to point at west corner of land. | ..... | Cutting grass ... | ..... | | 340 | 0 0 | 308 | 8 7 | 270 | 0 0 |
| 3 | Lingoo Pochatee and Narsyana Yaukat. | Tank at Arthur Road and Chinchpoogly drain from the corner of ground on west side of Arthur Road, to culvert of the B. B. and C. I. Railway Line. | ..... | Catching fish and cutting grass. | 27 for Tank only. | 0 0 | 275 | 0 0 | 482 | 8 0 | 255 | 0 0 |
| 4 | Raudaji Mahadeo and Nandu Hurry. | Ground at Haines Road Burial Ground | ..... | Cutting grass and grazing cattle. | 210 | 0 0 | 335 | 0 0 | 380 | 0 0 | 220 | 0 0 |
| 5 | Joao Antonio Patell ... ... | Water channel on Municipal ground at Coorla milch cattle stables. | ..... | Catching fish ... | 52 | 0 0 | 40 | 0 0 | 40 | 0 0 | 40 | 0 0 |
| 6 | Jeewa Nusseer... ... ... | Kamathipura ... ... ... ... | ..... | Removing cowdung. | 250 | 0 0 | 200 | 0 0 | 250 | 0 0 | 200 | 0 0 |
| 7 | Shaik Aboo Shaik Chand ... | Agripada ... ... ... ... ... | ..... | Do. ... | 80 | 0 0 | | | 100 | 0 0 | 85 | 0 0 |
| 8 | Julal Nusseer ... ... ... | C Ward stable ... ... ... ... | ..... | Do. ... | ..... | | 20 | 0 0 | 30 | 0 0 | 30 | 0 0 |
| | | Total Rupees... ... | ..... | ..... | 1,219 | 0 0 | 1,410 | 0 0 | 2,091 | 0 7 | 1,600 | 0 0 |

No. 1404. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 2985, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 1405. *Resolved* : "That, as applied for by the Commissioner in his letter No. 2693, dated 2nd instant, sanction be given to the purchase of a special form of pipes, technically known as flanged pipes, with flush forced joints, together with lead rings and bolts and nuts, from Messrs. Macfarlane, Strang & Co., in continuation of their contract for the supply of pipes, &c., for the Tansa Works at the following rates, *viz.* pipes £14-10-3 per ton, lead rings at 3d. per lb., bolts and nuts at 4d. per lb. The cost, *viz.* £1,300, to be met out of the provision of Rs. 40,00,000 made in the revised estimate for pipes, special castings, &c., for the Tansa Water Works."

No. 1406. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 2271, dated 28th ultimo, sanction be given to the payment to Haji Ahmed Haji Abdula Nurani, instead of to Mr. Esmail Haji Ebrahim, of compensation at the rates of Rs. 15 and Rs. 25 per yard, respectively, for the ground taken up for street improvement in Chunam Kiln Cross Lane and Old Memonwada Street, as per resolutions of the Town Council, Nos. 168 and 169, dated 5th May 1886."

No. 1407. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 2634, dated 1st instant, the Committee approve of a notice in writing, under section 381 of the Municipal Act, being served on Mr. Hariram Hirji requiring him to fill up the low-lying ground owned by him on the east side of DeLisle Road, on which a pool of sullage is lying at present, and which is, or is likely to be a nuisance."

No. 1408. *Resolved* : "That, as applied for by the Commissioner in his letter No. 2216, dated 27th ultimo, sanction be given to the issue for Municipal works, or for sale to the public, of Water Works pipes and fittings at the rates sanctioned by the Standing Committee in their resolutions Nos. 2898 and 5692 of 7th August 1889 and 10th September 1890, respectively, and as shown in the statements accompanying the Commissioner's letter

No. 2216, dated 27th ultimo. This arrangement to have effect until the close of the current year or so long as the stock at present on hand lasts."

No. 1409. *Resolved* : "That, as applied for by the Commissioner in his letter No. 2306, dated 28th ultimo, sanction be given to the retention of the establishment of Surveyors and Laskars for the completion of the survey for the new storm-water drainage project for three months from 16th April 1891. The cost, Rs. 2,100, to be debited to the savings of Rs. 2,105 in the grant sanctioned by the Corporation in its resolution No. 6771, dated 13th October last."

No. 1410. *Resolved* : "That, as applied for by the Commissioner in his letter No. 2704, dated 2nd instant, sanction be given to the employment of the following staff to look after the construction of the new chawls for sweepers in Khursedji Sooklaji Street, *viz.*—

1 Inspector at Rs. 80 per mensem ; 1 Surveyor at Rs. 50 ; 1 Draftsman at Rs. 40 ; 1 at Clerk Rs. 25 ; 2 Ramosies at Rs. 10 each, Rs. 20 ; and 1 messenger at Rs. 10.—Total Rs. 225 per mensem.

"The cost of this establishment, Rs. 4,275, to be met out of the Budget grant, 1890-91, of Rs. 4,440 for the same."

Proposed by Mulji B. Barbhaya, Esq., seconded by Hurkisondass Nurrotumdass, Esq.—

No. 1411. "That a Committee of the following gentlemen be appointed to consider and report on the Commissioner's confidential letter No. 2094, dated 25th April 1891, regarding the banking of Municipal funds :—

SIR HENRY MORLAND, COL. MEREWETHER, MR. COWASJEE HORMUSJEE, THE HON'BLE MR. FAZULBHOY VISRAM, and MR. MULJI B. BARBHAYA.*

Three to form a quorum and Sir Henry Morland to be Chairman."

*Carried.*

It was also agreed that a minute by the Hon'ble Mr. Javerilal Umiashankar Yajnik on the letter be circulated confidentially to the members of the Committee.

No. 1412. *Resolved* : "That the following be forwarded to the Commissioner for favor of report, and that the applicant be informed accordingly :—Letter, dated 28th ultimo, from Mr. Jehangir Pestanji Khumbatta

* The name of this gentleman was added on the suggestion of the Chairman.

and others, stating that there is a large piece of low-lying ground situated on the north side of their premises No. 43, DeLisle Road, which will prove a nuisance in the monsoon and asking that provision be made for draining such plot."

In accordance with notice of motion, it was

Proposed by Kaikhosro N. Kabraji, Esq.—

No. 1413. "That the Municipal Commissioner be requested to report what measures he has adopted, in consultation with the Deputy Executive Engineer for Water Works, to remedy the loud complaints against short supply of water in the houses in the Fort and the Native Town.

"That the Commissioner be recommended to notify for the convenience of the public, suitable time-tables for the opening and shutting off of water in the mains in the different localities, and also to notify such alterations as may be made from time to time in the hours fixed for the supply of water in each locality respectively."

The motion was seconded by Cowasjee Hormusjee, Esq., and *carried*.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as applied for by the Commissioner in his letter No. 2784, dated 4th instant, the Corporation be recommended to sanction the fencing in of the Municipal ground acquired at Pawai (including the fencing of Pawai Road on each side) at a cost of Rs. 8,250, in order to prevent the fouling of the water of the lake by cattle from the adjoining lands, and to prevent trespassing generally. The cost to be met out of savings in the Pawai Loan."

*Amendment*, proposed by E. B. Carroll, Esq., seconded by K. M. Shroff, Esq.—

"That the Corporation be recommended to sanction the expenditure of Rs. 2,530 from savings in the Pawai Water Works Loan to provide for the cost of 8,000 lineal feet of wire fencing for the west side of Vehar Sakhi Road at Pawai, including the enclosing of the pipe lines, engine house, Engineer's quarters, &c., and the eastern side of Vehar Sakhi Road co-extensive with the Municipal ground from Pawai gate towards Vehar, together with 200 boundary stones fixed complete, but not on concrete beds, *plus* 10 per cent. for contingent charges."

On the amendment being put to the vote, it was *lost* by the casting vote of the Chairman. The votes recorded were 5 *for* and 5 *against*.

The original motion was also *lost*, the votes being 3 *for* and 6 *against*.

Colonel Wilson proposed—

"That boundary stones only be provided for the delimitation of the whole area of the Pawai ground."

The Chairman disallowed Colonel Wilson's proposal, as it was put forward after the original motion had been voted on.

Colonel Wilson gave notice that, at the next meeting, he will move a proposition in these terms.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 2781, dated 4th instant, sanction be given to the purchase from the Glenfield Co., Kilmarnock, of three 48″ sluice valves of a vertical pattern and two of a horizontal pattern, required for the line of the Tansa pipes between Ghatkopar and Bombay, at a cost of £288-10-0 and £296-0-0 each respectively. The amount, *viz.* £1,457-10-0, to be met out of the provision of Rs. 40,00,000 for pipes, special castings and valves in the revised estimates.

No. 1415.

"That, under section 72 (3) of the Municipal Act, the Standing Commmittee dispense with the invitation for tenders which would otherwise be necessary, as the Glenfield Co. are specially engaged in the preparation of such valves."

Considered letter No. 2880, dated 5th instant, to the Secretary, as under :—

I have the honor to state that as one Mr. Merwanji Kavasji Kararia commenced to rebuild his house at Two Tanks without pulling down the old and ruinous portions that were standing, a notice, under section 354 of the Municipal Act, requiring him to remove those portions was served upon him. He therefore obtained reports from Messrs. Stevens, Campbell and Morris and applied to the High Court for an injunction for restraining the Municipality from demolishing his building, which was granted. Afterwards when the affidavits by our Engineers, Messrs. Walton, Smith, Tomlinson and Benson were filed. Messrs. Craigie, Lynch and Owen, on behalf of Mr. Kararia, carried on correspondence with the Municipal Solicitors, and after considerable correspondence proposed to withdraw the suit on the following terms, *viz.* that Mr. Kararia shall make over to the Municipality 90·99 square yards of ground

required for street improvement and receive compensation at the rate of Rs. 50 per square yard offered by the Municipality, that he is allowed to rebuild his house on the remaining portion of his ground and that he will pay the Municipality Rs. 300 as costs of the suit.

The Municipal Solicitors advise that this is a satisfactory compromise, and I therefore request the approval of the Standing Committee, under section 517 (1) (*b*) of the Municipal Act, to the terms of settlement proposed above.—I have, &c., H. A. ACWORTH, Cmmissioner.

No. 1416. *Resolved*: "That, as applied for by the Commissioner in his letter No. 2880, dated 5th instant, sanction be given, under section 517 (1) (*h*) of the Municipal Act, to the compromising, on the following terms, of suit filed by Mr. Merwanjee K. Kararia, in respect of the rebuilding of his house at the Two Tanks, Duncan Road, *viz*:—

"'That he makes over to the Municipality 90·99 square yards of ground required for street improvement thereat and receives compensation for the same as a special case at the rate of Rs. 50 per square yard.

"'That he be allowed to rebuild his house on the remaining portion of his ground and that he pays the Municipality Rs. 300 for the costs in the suit.'"

No. 1417. *Resolved*: "That the following be *recorded*:—Letter No. 2754, dated 4th instant, from the Commissioner, reporting the purchase from Messrs. Bennett & Co. of a pair of horses for Rs. 950 for the Fire Brigade. The amount to be met out of the grant of Rs. 2,400 provided in the current year's budget for the purchase of horses."

No. 1418. *Resolved*: "That the following be *recorded*:—Letter No. 2756, dated 4th instant, from the Commissioner, reporting that he has sold the right of collecting the present crop of chikoo fruit of two trees in the Victoria Gardens to Mr. Gannoo Tookaram for Rs. 40."

No. 1419. *Resolved*: "That the following be forwarded to the Commissioner for favour of report and that the applicants be informed accordingly:—Memorandum from the Municipal Secretary, forwarding petition, dated 30th March last, addressed to the Corporation by Mr. Shrikrishna Wasudeo Dharadher and others complaining of alleged nuisance from milch cattle stables at Khetwady."

No. 1420. *Resolved*: "That the Corporation be recommended to inform Mr. Morlidhar Cutchoo with reference to his petition, dated 2nd May 1891, that the Municipal Commissioner alone is authorised to grant water connections."

No. 1421. *Resolved*: "That the following be *recorded*:—Memorandum No. 2469, dated 30th ultimo, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Miscellaneous Works Loan deposit account to the Municipal General Fund Pass Book on 20th ultimo."

No. 1422. *Resolved*: "That the following be *recorded*:—Memorandum No. 2857, dated 5th instant, from the Commissioner, submitting report from the Health Officer, showing analyses of Vehar and Tulsi waters at present delivered in the City as under:—

*Sample of filtered Tulsi water obtained from the Malabar Hill Reservoir on the 27th April 1891.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... None. |
| Albuminoid ammonia ... | ... ·16 |

*Sample of unfiltered Tulsi water obtained from the inlet of the Malabar Hill Reservoir on the 27th April 1891.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... ·10 |
| Albuminoid ammonia ... | ... ·21 |

*Sample of unfiltered Vehar water obtained from the Bhandarwada Reservoir on the 27th April 1891.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... ·005 |
| Albuminoid ammonia ... | ... ·19" |

The following statement* was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 3rd May 1891.

The following return was read and *recorded*:—

Return of fires at Coppersmith Street, forwarded with the Commissioner's memorandum No. 2371, dated 29th April 1891.†

* *See* Appendix C. † *See* Appendix E.

Considered letter No. 2969, dated this day, to the Secretary, as under :—

SIR,—I have the honour in submitting revised estimate for the work at the Malabar Hill Reservoir to request sanction to meeting the excess of Rs. 649-1-4 out of the funds realized and to be realized from the sale of surplus material, provided that there are not savings on the work sufficient to meet it, as I have little doubt there will be. I have also to request sanction to the carrying out of the work remaining to be done in the manner and at the cost proposed. This work is the repointing of the external walls of the distributing basin including the vaults under the filters.—I have, &c.,

H. A. ACWORTH, Commissioner.

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No. 407 OF 1891-92.

BOMBAY, 20*th April* 1891.

To THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to attach revised estimates for the improvements at Malabar Hill Reservoir, called for in your No. 93 of the 2nd instant.

2. As some particulars have now been ascertained, which were matters of estimate when this office No 6428 of the 23rd December last was prepared, advantage has been taken to modify the details.

3. The actual expenditure to date has been :—

| | Rs. | a. | p. |
|---|---|---|---|
| Sinking Trial-pits ... ... ... ... ... | 1,736 | 12 | 9 |
| Asphalt Floor and Settling Basin ... ... ... | 51,450 | 2 | 9 |
| Cushions for outlet of filters, partition wall, overflows from Settling and Distributing Basins ... | 15,973 | 0 | 1 |
| Sluice valve on direct delivery main... ... ... | 400 | 0 | 0 |
| Added 31st March 1891— | | | |
| Turbine and pumps ... ... ... ... ... | 8,501 | 13 | 0 |
| Removing old pipes ... ... ... ... ... | 2,373 | 4 | 9 |
| Total... Rs. | 80,435 | 1 | 4 |

4. The unexpended balance of the 1 lakh loan available for the further works required is therefore Rs. 19,564-14-8.

5. The additional works now proposed are :—

*In progress as verbally sanctioned.*

| S.ft. | | Rs. | a. | p. |
|---|---|---|---|---|
| 13,200 | Repointing part walls of Settling Basins with Indian patent stone, including removing old mortar from joints, at Rs. 41 | 5,412 | 0 | 0 |
| 4,000 | Repointing floor of Inlet Channels do. do. at Rs. 25 | 1,000 | 0 | 0 |
| 3,200 | Repointing wall of Inlet Well do. do. at Rs. 41 | 1,312 | 0 | 0 |
| 1,000 | Covering floor of Inlet Well do. do. at Rs. 33 | 3,330 | 0 | 0 |
| | For Settling Basin... | 8,054 | 0 | 0 |
| | For completion of turbine arrangement, flooring, &c., &c., and to meet charges already sanctioned, incurred but bills not received ... ... ... ... ... For ladders, staging, valves, wheels, gauges, &c. ... ... For plug filter end direct delivery main and bend on line... | 1,500 | 0 | 0 |
| | Rs. | 9,554 | 0 | 0 |

*For execution as soon as possible after Settling Basin completed.*

| S.ft. | | Rs. | a. | p. |
|---|---|---|---|---|
| 16,000 | Removing old mortar from and repointing walls of Distributing Basin east and south sides, at Rs. 41.. | 6,560 | 0 | 0 |
| 10,000 | Removing old mortar from and repointing walls of filters and Vaults under west and south sides, at Rs. 41 ... ... ... ... ... ... ... | 4,100 | 0 | 0 |
| | For Distributing Basin and Filters ... ... ... | 10,660 | 0 | 0 |
| | Total...Rs. ... | 20,214 | 0 | 0 |

6. These works will have completed the repointing of the whole of the outer walls of the Reservoir. The result of retesting the Reservoir for leakage should then be awaited, and, if found necessary, the repointing should be extended to the inner partition walls of the Reservoir and the Vaults. For this purpose the sums to be realized as credits by sale of asphalt, engine, pipes, &c., should be reserved after deducting the excess of Rs. 649-1-4 over the 1 lakh loan required for the works above proposed.

7. The credits will be, as per list appended, aggregating Rs. 9,063-8-0.—I have, &c., RIENZI WALTON, Executive Engineer.

*Malabar Hill Reservoir improvements, surplus materials to be disposed of, and proposed valuation.*

| | Rs. | a. | p. |
|---|---|---|---|
| 1 No. H. P. vertical boiler and direct acting pumps, 12″×12″ complete, price new, 1886, Rs. 3,525 ... ... ... | 1,762 | 8 | 0 |
| 1 No. sluice valve in lieu of one with turbine ... ... ... | 250 | 0 | 0 |
| 5 Tons special and other pipes in suction and delivery mains, including fittings at Rs. 75 ... ... ... ... .. | 375 | 0 | 0 |
| 15 Tons 32″ and other size pipes from overflow and old outlet pipe, at Rs. 50 ... ... ... ... ... ... | 750 | 0 | 0 |
| 700 Nos. empty cement casks, at Rs. 5 per 100 ... ... ... | 35 | 0 | 0 |
| 1 No. cement grout injecting apparatus, 6 boilers proving pump, complete ... ... ... ... ... ... | 200 | 0 | 0 |
| Planks, struts, &c., lot ... ... ... ... ... ... | 50 | 0 | 0 |
| | Rs. | | |
| 60 Tons asphalt, at Rs. 75 per ton ... ... ... | 4,500 | | |
| 3½ tons Bitumen, at Rs. 180 per ton ... ... ... | 630 | | |
| 160 Nos. empty drums ... ... ... ... ... | 40 | | |
| 6 Asphalt cauldrons ... ... ... ... ... | 450 | | |
| 6 Pails ... ... ... ... ... ... ... | 3 | | |
| 4 Stirrers (2 broken ones) ... ... ... ... | 12 | | |
| 3 do. Ladles (3 missing) ... ... ... ... | 6 | | |
| | 5,641 | 0 | 0 |
| Total...Rs. | 9,063 | 8 | 0 |

RIENZI WALTON,
Executive Engineer.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 2696, dated this day, sanction be given to the payment of Rs. 649-1-4, being the excess over the sanctioned amount for the repairs of the leaks in Malabar Hill Reservoir, to be met out of the funds realized and to be realized from the sale of surplus materials, such as boilers, pumps, water pipes, asphalt, &c., provided that there are no savings on the other parts of the work sufficient to meet this charge.

No. 1424.

"That sanction be also given to the carrying out of the work remaining to be done at the Reservoir, namely, the repointing of the external walls of the distributing basin, including the vaults under the filters, at a cost of Rs. 10,660 to the debit of the original grant of Rupees one lakh."

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BOMBAY, 13*th May* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

CAPTAIN SIR HENRY MORLAND, Kt., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman*;

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

On the suggestion of Mr. Carroll, the word "faced" was substituted for the word "forced" in resolution No. 1405.

The minutes of the meeting held on the 6th instant, were then signed.

The seal of the Corporation was affixed (1) to deed of agreement (in duplicate) between Mr. Pooranchand Panalal and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Nos. 47-61, Parsi Bazaar Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the rate of Rs. 30 per square yard, for any land to be there taken up from the said Mr. Pooranchand Panalal, and for any loss, damage or expense sustained by him by reason of such acquisition; (2) to deed of contract with the Indian Patent Stone Company, Limited, for pointing walls and laying flooring of the Malabar Hill Reservoir; (3) with Mr. Hasana Ali Abdoolally for the supply of stationery; (4) with Messrs. Curwen and Kane for the printing work of the Municipality for a period of three years; and (5) to deed of exchange with Mr. Pundlik Narayen Laud, of land at Matunga.

No. 1783.

The seal was also affixed (1) to 3 debentures of attested duplicates, Tansa Water Works Loan, Nos. 653,

674 and 3319, of Rs. 500 each; (2) to 2 debentures of attested duplicates, Sanitary Works Loan of 44 lacs, Nos. 1178 NN and 1179 NN, of Rs. 500 each; and (3) to 13 debentures of attested duplicates, Drainage Loan of 1878, Nos. 721, 723, 724, 2532, 3507, 4588, 1577, 1578, 1579, 1580, 1581, 1582 and 1583, of Rs. 500 each.

No. 1784. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 2913, dated 6th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of owner. | Where. |
|---|---|
| Dayal Mowji ... | ... Nos. 111, 117, Cowasji Patel Tank Road." |

No. 1785. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 3563, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 1786. *Resolved*: "That, as applied for by the Commissioner in his letter No. 2860, dated 5th instant, sanction be given, under section 69 (*e*) of the Municipal Act, to the variation of Messrs. Khimji Valabhdas & Co.'s contract for the supply of food at Tansa dam works, by the substitution of the words '1st May 1891' for '15th June 1892,' as the date of the termination of the contract, owing to the completion of the dam works, and to the fact that the greater part of the labourers on the dam have dispersed, and no special arrangement for food supplies at Tansa are necessary."

No. 1787. It was agreed that the consideration of the following be postponed till next week, to enable the Commissioner to consult the Solicitors to the Corporation on the point whether in the case of officers and servants who have not contributed to the Pension Fund it is competent to the Corporation to sanction the payment of compassionate allowance to the widows or other relations dependent on any of the said officers or servants :— Letter No. 3244, dated 8th instant, from the Commissioner, reporting on the application for a grant of compassionate allowance from the widow of Mr. A. Baker, late Chief Inspector of Drains, who died on 25th March last.

No. 1788. *Resolved*: "That, in lieu of the rate sanctioned by the Committee in their resolution No. 7823, dated 19th March 1890, for the 128·25 square yards, or thereabout, of land taken up from Mr. Atmaram Pandurang for the improvement of Chowpati Road, sanction be given to

the payment to him of the lump sum of Rs. 1,500 or about Rs. 12 per square yard, as recommended by the Commissioner in his letter No. 3275, dated 9th instant."

No. 1789. *Resolved* : "That, as applied for by the Commissioner in his letter No. 2970, dated 6th instant, sanction be given, under section 517 *(j)* of the Municipal Act, to the filing of a suit in the Court of Small Causes against Bai Amabai for the recovery of the amount due by her on account of expenses incurred by the Municipality on her behalf in making a drainage connection to her house in Bengalpura Street, *plus* interest at 9 per cent. per annum on such amount."

Considered memorandum No. 3243, dated 8th instant, to the Secretary, as under :—

In the Commissioner's opinion the following securities should be demanded in the departments, and from the officers concerned, under section 81 (1) (*a*) of the Act.

The amounts of security now given by some of the officers, included in the list, are shown side by side with the new proposals.

| Departments and Officers. | Amount of Security now given. | Amount proposed. |
|---|---|---|
| *Executive Engineer's Department.* | Rs. | Rs. |
| Superintendent, Municipal Workshops ... | ..... | 5,000 |
| Chief Clerk and Accountant ... ... ... | ..... | 5,000 |
| Head Clerks and Accountants... ... each | ..... | 3,000 |
| Chief Inspector, Drainage Department ... | ..... | 3,000 |
| Storekeeper, Chinchpokli Depôt ... ... | ..... | 3,000 |
| Chief Inspector, Roads ... ... ... | ..... | 3,000 |
| Stores Clerk, Bellasis Road Depôt ... ... | ..... | 2,000 |
| Inspectors of Roads ... ... ... each | ..... | 1,500 |
| Inspectors, Water Works ... ... each | ..... | 1,500 |
| Do. Drains ... ... ... each | ..... | 1,500 |
| Work Inspectors and Surveyors drawing under Rs. 100 each | ..... | 1,000 |
| Do. do. Rs. 100 and above each | ..... | 3,000 |
| Stores Clerk, Municipal Workshops ... ... | ..... | 1,000 |
| Clerk to Chief Inspector, Drains ... ... | ..... | 1,000 |
| Fee Clerk, Streets and Buildings ... ... | ..... | 1,000 |
| *Health Department.* | | |
| Inspectors ... ... ... ... each | ..... | 1,500 |
| Head Clerk and Accountant ... ... ... | 5,000 | 5,000 |
| Clerk, Dhobiwada ... ... ... ... | 500 | 500 |
| Cemetery Clerks ... ... ... each | 500 | 500 |
| *Markets and Slaughter Houses.* | | |
| Superintendent... ... ... ... ... | 4,000 | 5,000 |
| Assistant Superintendent, Slaughter Houses... | 3,000 | 3,000 |
| Head Clerk and Accountant, Superintendent of Markets ... ... ... ... ... | ..... | 2,000 |
| Fee Clerk ... ... ... ... ... | ..... | 1,000 |

| Departments and Officers. | Amount of Security now given. | Amount proposed. |
|---|---|---|
| | Rs. | Rs. |
| Cattle Inspector, Bandora ... ... ... | 1,000 | 1,000 |
| Senior Sub-Inspector, Bandora ... ... | 500 | 1,000 |
| Two Senior Sub-Inspectors, Markets... each | 500 | 1,000 |
| Private Markets Inspector ... ... ... | 500 | 500 |
| Pass Clerk ... ... ... ... ... | 500 | 500 |
| *Tansa Water Works.* | | |
| Head Clerk and Accountant ... ... ... | ..... | 2,000 |
| *Joint Schools Committee.* | | |
| Secretary ... ... ... ... ... | 5,000 | 5,000 |
| *Accounts and Expenditure Audit Establishment.* | | |
| Deputy Accountant ... ... ... ... | 10,000 | 10,000 |
| Head Audit Clerk ... ... ... ... | 10,000 | 10,000 |
| Cashier... ... ... ... ... | 30,000 | 30,000 |
| Inspector of Stores ... ... ... ... | 7,000 | 7,000 |
| Pay Clerk on Rs. 150 ... ... ... ... | 7,000 | 7,000 |
| Do. „ 100 ... ... ... ... | ..... | 3,000 |
| Do. „ 50 ... ... ... ... | ..... | 500 |
| Tansa Audit Clerk (Loan) ... ... ... | 4,000 | 4,000 |
| Drainage do. ( do. ) ... ... ... | 3,000 | 3,000 |
| Receiving Clerk on Rs. 75 ... ... ... | 5,000 | 5,000 |
| Senior Audit Clerks ... ... ... each | 3,000 | 3,000 |
| Senior Book-keeper on Rs. 100 ... ... | ..... | 3,000 |
| Junior Audit Clerk on Rs. 35... ... ... | ..... | 500 |
| Receiving Clerks on Rs. 40 and 35 ... each | ..... | 500 |
| Do. „ 30 ... ... ... | ..... | 500 |
| *Property and Wheel Tax Establishment.* | | |
| 6 Ward Superintendents ... ... each | 4,000 | 5,000 |
| 1 Ward Superintendent ... ... ... | 5,000 | |
| Assistant Superintendents ... ... each | 3,000 | 3,000 |
| Ward Clerks ... ... ... ... each | 2,000 | 2,000 |
| Ward Office Clerks ... ... ... each | ..... | 2,000 |
| Registrar and Accountant ... ... ... | ..... | 4,000 |
| Assistant Accountant ... ... ... ... | ..... | 2,000 |
| Cashier ... ... ... ... ... ... | 2,500 | 1,000 |
| Chief Registration Clerks ... ... each | ..... | 1,500 |
| Registration Clerks ... ... ... each | ..... | 500 |
| *Revenue and Refund Audit Office.* | | |
| Town Duty Refund Examiner ... ... | ..... | 4,000 |
| Assistant Examiner ... ... ... ... | ..... | 2,000 |
| Audit Clerks above Rs. 40 ... ... ... | ..... | 1,000 |
| Do. on 40 and below ... ... | ..... | 500 |
| *Licensing Department.* | | |
| Inspectors ... ... ... ... each | ..... | 1,000 |
| Sub-Inspectors ... ... ... each | ..... | 500 |
| *Municipal Gardens.* | | |
| Overseer ... ... ... ... ... | 500 | 500 |
| *Municipal Auditors.* | | |
| Municipal Auditors ... ... ... each | ..... | ..... |

In submitting this list to the Standing Committee for consideration and approval, the Commissioner has the honour also to request consideration of the question whether any heads of Departments should furnish security or not? The Chief Accountant gives security of Rs. 10,000, but this is merely a continuance of the security he gave when Deputy Accountant. If a Chief Accountant is to furnish security at all, it should be to the extent of half a lakh at least; and if he gives security, the Assessor and Collector and Revenue and Refund Audit Officer, and perhaps the Superintendent of Licenses, should also do so. The same remark perhaps applies to the Auditors.

The Commissioner, however, is opposed to demanding security from heads of Departments. No pecuniary security can in their case at all approach in value the security which the Municipality derive from the consequences which the loss of their appointments for misconduct would entail.—H. A. ACWORTH, Commissioner.

No. 1790. *Resolved* : "That the consideration of the Commissioner's memorandum No. 3243, dated 8th instant, be postponed till next week."

No. 1791. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 3356, dated 11th instant, sanction be given to the payment of Rs. 92-5-2, being cost of fixing 32″ reflux valve on suction main, Goper Dam. The cost to be debited to savings in the amount provided in the revised estimates for the Pawai Works, for the construction of the Engineer's quarters."

Considered letter No. 3326, dated 9th instant, to the Secretary, as under :—

SIR,—In continuation of this Office No. 28197, dated 17th March last, I have the honour to report that the total sum awarded by the High Court as compensation for land acquired from Mr. Balkrishna Bapuji and others for the extension of the Erskine Road Market, is Rs. 98,043-7-9, including interest at 6 per cent. from 14th February 1888 to the 6th instant. Out of this sum, Rs. 44,251-5-4 have been debited to the balance available out of the allotment of Rs. 3,16,188 for the purchase of land, and Rs. 17,975-6-9 will, with the sanction of the Standing Committee, be met out of the saving in the allotment of Rs. 87,934 for the construction of the Market.

This leaves Rs. 35,816-11-8 to be provided for, and which I request the Standing Committee to recommend the Corporation to sanction out of the net premia, amounting to Rs. 53,849-2-6 received on the loan of Rs. 10,08,500, in which the work of the extension of the Market was included.—I have &c., H. A. ACWORTH, Commissioner.

No. 1792. *Resolved* : "That the following be *recorded* :—Letter No. 3326, dated 9th instant, from the Commissioner, reporting that the total sum awarded by the High Court as compensation for land acquired from

Mr. Balkrishna Bapuji and others for the extension of the Erskine Road Market is Rs. 98,043-7-9, including interest at 6 per cent. from 14th February 1888 to the 6th May 1891.

"2. That sanction be given to the payment of Rs. 17,975-6-9 out of the savings in the allotment for the extension of the Erskine Road Market.

"3. That the Corporation be recommended to sanction the payment of the balance, *viz.* Rs. 35,816-11-8, out of the net premia, amounting to Rs. 53,849-2-6, received on the loan of Rs. 10,08,500, in which the cost of the extension of the market was included."

The consideration of application from the Commissioner for sanction to the continuance of the arrangement for paying such of the staff employed at Pawai Water Works as fall sick, full pay during their illness, was postponed till next week.

It was agreed that the Commissioner be asked to have a statement prepared in the meantime, showing what extra amount was paid last year to each member of the staff in question for full pay, when sick, as compared with what he would have received under ordinary circumstances. No. 1793.

The Commissioner was further asked to state whether officers and servants before leaving work at Pawai, produce medical certificates, and whether all necessary precautions are adopted in the matter to prevent imposition on the Municipal fund ?

Considered memorandum No. 3119, dated 7th instant, from the Commissioner, forwarding the papers regarding Messrs. Glover & Co.'s claim, aggregating Rs. 4,39,874, for extra payments on account of their contract for the construction of the Tansa Water Works Dam.

*Resolved* : "That a Committee of the following gentlemen be appointed to consider and report on the claim put forward by Messrs. Glover & Co., for compensation on account of certain works in connection with the Tansa Dam :—Colonel Merewether, Mr. Carroll, Mr. K. M. Shroff, and Mr. Abdalla M. Dharamsi. No. 1794.

"Three to form a quorum."

In reference to a notice of motion given by Colonel Wilson to the effect that sanction be given to the placing of boundary stones round the Municipal ground at Pawai, the Chairman invited the opinion of the Committee as to

whether it would be competent to them to pass such a resolution? The Commissioner as the Executive Officer had asked sanction to the outlay of Rs. 8,250 to defray the cost of fencing in the whole of the ground belonging to the Municipality at Pawai in order to prevent the fouling of the water of the lake by cattle from the adjoining lands, and to prevent trespassing generally; but the Standing Committee refused to sanction that outlay and if the proposition of which notice had been given by Colonel Wilson was carried, the Commissioner would be limited to the placing of mere boundary stones round the land, which, as they had heard from the Commissioner, was wholly inadequate. Having referred to section 64 (1) of the Municipal Act, defining the respective functions of the several Municipal authorities, and of any Committee appointed under sections 39, 40 or 41, the Chairman asked the Committee to consider whether by entertaining such a proposal as that of Colonel Wilson they would not be interfering with the executive functions of the Commissioner?

After discussion, the Committee expressed the opinion that it was competent to them to proceed with the consideration of such a motion as that in question.

Proposed by Colonel Wilson—

"That sanction be given to boundary stones being put round the Municipal ground at Pawai for delimiting the same, at a cost of Rs. 800. The cost to be met out of savings in the Pawai loan."

The motion was seconded by K. M. Shroff, Esq.

*Amendment* moved by E. B. Carroll, Esq., seconded by Colonel Merewether—

"That the ground at Pawai, comprising the engine-house, Engineer's quarters, coal, stores, &c., be surrounded by a fence extending to the Vehar Saki Road, at a cost of Rs. 1,500.

No. 1795.

"That boundary stones be placed round the remainder of the property at a cost of Rs 2,530."

The original motion was *withdrawn*, and the proposal of Mr. Carroll was *carried* (with one dissentient).

*Resolved*: "That the Corporation be recommended to inform Mr. Shamsudin Sulemanji, in reply to his letter of the 2nd ultimo, that the matter of the nuisances from want of drainage on the site of the old Race-course, is receiving the attention of the Corporation and that of the Commissioner."

No. 1796.

*Resolved* : "That the Corporation be recommended to
No. 1797. inform Mr. Morlidhur Cutchu, in reply to his letter, dated 9th March last, that the Commissioner reports that the applicant has been allowed refund of one-fifth drawback in respect of his property, ward No. 2591, and that he has also been allowed one-fifth drawback for the second half of 1890-91."

*Resolved* : "That the following be forwarded to the Com-
No. 1798. missioner, for favour of report in continuation of the Corporation's resolution No. 1059, dated 23rd ultimo :—Memorandum from the Municipal Secretary, forwarding petition, dated 8th instant, addressed to the Corporation by Mr. Anandrao Ramkrishna and others, inviting attention to their former complaint, dated 15th December last, regarding nuisance from the open side gutters in Khetwady."

*Resolved* : "That, as the petition from Mr. Maho-
No. 1799. med Hadji Ibrahim Hadji alleging that a house belonging to one Mr. Abdool Kharn Abba, No. 197, Memon Mohla, is in a dangerous state, has no address to it, and as, moreover, from the report of the Commissioner such allegation as to the state of the house is untrue, the petition be *recorded*.

"That, in future cases where letters or petitions are addressed to the Standing Committee, relating to matters which are purely within the executive authority of the Municipal Commissioner, the Secretary do transfer the same to the Commissioner and inform the applicants accordingly.

"That, in other cases where it may be assumed that there is an approval of the Corporation or the Standing Committee, the persons complaining be informed that the right of appeal to the Commissioner should be exhausted before resort is had to the Corporation or the Committee."

*Resolved* : "That the following be *recorded* :—Memo-
No. 1800. randum No. 2836, dated 5th instant, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the Miscellaneous Works Loan of 1888-89 deposit account to the Municipal General Fund pass book, on 28th ultimo."

*Resolved* : "That the Corporation be recommended to
No. 1801. inform Mr. Dharamdher Devidass, in reply to his petition in connection with the drainage works

of his property No. 328, DeLisle Road, in terms of the Commissioner's memorandum No. 3393, dated 11th instant."

*Resolved* : " That Mr. R. J. Subedar be informed, in reply to his letter, dated 8th instant, that his complaint of the scarcity of water supply to his premises in Abdul Raheman Street, should be forwarded to the Commissioner."

No. 1802.

Read memorandum No. 3490, dated 12th instant, to to the Secretary, as under :—

*Memorandum.*—The Commissioner has the honour to forward a report from the Deputy Executive Engineer, Water Works, on the existing water supply to the city. He has practically nothing to add to it. As far as he knows the very utmost is made of the present sources of supply, and the only point on which any question could be raised is the supplying direct into the City from the 32″ Vehar main for 12 hours instead of into Bhandarwada. For the reasons given by Mr. Tomlinson, the Commissioner considers it would be wrong to change this system which gives at least 1 million gallons a day more than the alternative system would give.—H. A. ACWORTH, Commissioner.

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No. $\frac{1076}{W.}$ OF 1891-92.

BOMBAY, 11*th May* 1891.

To THE MUNICIPAL COMMISSIONER.

SIR,—I have the honor to report on the present state of the water supply to the City.

2. It may be well to point out at the outset that the complaints now being made are but repetitions of similar ones in previous years. For example, on the 26th May 1887, with the lakes in a slightly better state than to-day, the Corporation were informed by one of its members that the majority of the citizens of Bombay poured curses by day and night upon their devoted heads on account of the scarcity of water ; another member on the same occasion stated that recently there was such scarcity of water that nine steamers in the Docks were unable to obtain any water at all ; and a third stated that there were continuous complaints of the scarcity in the public offices in Fort. On this occasion, the Acting Municipal Commissioner stated that at present it was impossible to supply one place without interfering with another, but as soon as the Tansa water came in they would be able to give everybody a proper supply.

3. In other year preceding 1887 loud complaints were uttered, but 1887 is selected for comparison, because the existing mains (Vehar 32″ and 24″ and Tulsi 24″) from the lakes were then the same as to-day. If, therefore, it be a fact that the demand for water has increased, it will be evident that the complaint should be

expected to be louder. It is, perhaps, necessary to point out that the power of a pipe to discharge water is governed not by the need for water at the delivery end, but strictly by the relation between its diameter, its length, and the head or pressure of water upon it from the receiving end to the point of delivery. The main, for example, from the Tulsi Lake was discharging in 1887 into Malabar Hill Reservoir; it is now so discharging the quantity it can possibly deliver as a maximun into the reservoir then, and now is being drawn and cannot be increased; no restriction is placed upon the powers of delivery of any of the mains, and both the Vehar and Tulsi Lakes are being drawn upon as much as possible.

4. That the Water Works is an expanding department will readily be seen from the following comparison between 1887 and 1891 only four years with it must be borne in mind, the same mains only discharging water into the city from the Lakes.

| | 1887. | 1891. | Increase. | Per cent. |
|---|---|---|---|---|
| Total revenue, year ending 31st March ... ... ... ... | 7,74,651 | About 11,50,000 | About 3,66,000* | 47 |
| 4 years, 1886 to 1890 ... ... | 6,65,370 | 1889 11,23,006 | 4,57,636* | 69 |
| | Actual 1887 | Actual 1870 | | |
| Revenue from meter, &c., supplies year ending 31st March ... ... | 3,98,398 | About 5,50,000 | 1,57,000 | 40 |
| 4 years 1886 to 1890, actuals ... | 2,95,717 | 5,21,457 | 2,25,740* | 76 |
| Gallons supplied by meter in millions ... ... ... ... | 631 | 859 | 228 | 36 |
| Number of water connections, 31st March ... ... ... ... | 14,865 | 17,634 | 2,769 | 18 |
| Population according to Mr. Baldwin Latham ... ... ... | 740,000 | 806,000 | 66,000 | 9 |
| Census in February... ... ... | ..... | | | |
| General Tax 8¾ of year ending 31st March... ... ... ... | 14,88,867 | 16,89,316 | 201,000 | 14 |

* About Rs. 50,000 due to all houses being taxed under new Act and Rs. 15,000 to increase of Government rate from 8 to 10 annas per 1,000 gallons.

† Rs. 74,000 (about) due to water supplied to Municipal properties not charged in 1886 (charged 1886-87 for the first time).

5. It must upon the figures be considered that the demand for water has rapidly increased, that somehow or other the demand has been partly met, and that the progress of the water works revenue is more rapid than that of the other taxes.

6. The measures which have been adopted with the view to meet as far as possible this rapidly increasing demand for water have been—

1. The detection and prevention of waste on mains and service pipes.
2. The alteration of the system of supply in the Vehar District (native city), by which the 32" main instead of discharging continually into Bhandarwada Reservoir (and into which it can only deliver 7 millions of gallons daily

owing to the superior elevation of the reservoir) now discharges for 12 hours straight into the city by which the delivery is increased about 1 million gallons daily. This extra 1 million of gallons is got, of course, by delivery at a lower pressure, and there is no possible means of combining the extra 1 million of gallons with a higher pressure such as Bhandarwada would give. The option is 3½ millions for the city at high pressure or 4½ or 30 per cent. more at low pressure.

7. The immense importance of a continuous low pressure supply, as compared with an intermittent supply of 6 or 7 hours, will be seen from the following figures taken from the Census Report of 1881:—

| | Number. | Percentage on whole number. |
|---|---|---|
| Total number of ground floor..... | 29,283 | 46·2 |
| „ first floor ..... | 17,888 | 27·7 |
| „ second floor ..... | 10,011 | 16·0 |
| „ third floor ..... | 4,605 | 7·0 |
| „ fourth floor ..... | 1,727 | 3·0 |
| „ fifth floor ..... | 428 | ·7 |
| „ sixth (and over) floor... | 30 | ·0 |
| Total number of floors ..... | 64,512 | 100·6 |

When it is remembered that all the higher floors may have water supplies on the floors beneath them on the same premises, that all the great works such as Railways, Docks, Mills and markets and the supplies for night-soil depôts, drain flushing, street sprinkling and gardens, are almost entirely ground floor supplies, there can be no doubt that, upon all equitable considerations, the 90 per cent. on the ground, first and second floors, should be considered first, because the trade and sanitary interests, about 700,000 out of the total population of 806,000 reside on these floors. A continued supply even if it be but at low pressure is also of inestimable value in securing the speedy extinction of fires.

8. At present the whole Island is supplied under two systems: the Vehar division, being north of the Island, and the native city is supplied, as far as possible, on the constant system at low pressure. The Tulsi supply to Malabar Hill, Girgaum, Dhobi Talao, Fort and Colaba by the intermittent system at as high a pressure as possible. The average supply per head in the Vehar District is about 18 gallons on a population of 640,000 in the Tulsi District 27 gallons on a population of 170,000. The great bulk of the complaints are from the Tulsi District. The complaints in the Vehar District are confined to upper floors and the houses on high level on the east and west of the Island. The loudest complaints are from Fort, where for some years past the highest pressure to any consider-

able part of the Island is given by the shutting off of the other localities supplied from Malabar Hill Reservior, *viz.* Girgaum, Dhobi Talao and Colaba. In the endeavour to meet the demand for a high pressure water although this system is, as has been shewn above, generally indefensible, there is in Fort undoubtedly a greater proportion of upper residential floors, compared with lower residential floors than in other parts of the city, and many of these have no facilities for taking water from the lower floors which are in other occupation as banks, offices, shops, &c.

9. The table appended shows the times at which the mains supplying the different localities are open and at which water may be expected on the ground-floor. It cannot be predicated, of any particular property, that it will be supplied at any particular moment or at any particular pressure; that depends upon such circumstances as the general demand, the size of the street main, and its distance from a larger feeding main as well as from the house service pipe and fittings. The times are also liable at any moment to be disturbed by fires or breaks on the mains. These are usually such as not to affect the supply beyond 48 hours, and notification would not be practicable because we could not state exactly the changes or duration of them, and a general statement always creates unnecessary alarm and inconvenience to consumers—I have, &c., RIENZI WALTON, Executive Engineer.

BOMBAY, 11*th May* 1891.

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*Table showing times at which the mains in different localities are supplied with water.*

1. The 24″ Vehar main is fully open at all times and supplies the north and centre of the Island, including the native city. This supply is supplemented by the 32″ Vehar main which supplies direct into the Parel Road 32″ main from Nesbit Road from 4 A.M. to 10 A.M. and 4 P.M. to 10 P.M. The highest pressure, about 26 lbs., at Babula Tank Road is from 4 to 5 A.M. After 5, extra drawing reduces the pressure at the same time necessarily increasing the total quantity drawn.

2. The Bhandarwada Reservoir supplies the water it receives from the 32″ main from 10 A.M. to 4 P.M. and 10 P.M. to 4 A.M. to the following localities :—

   *Frere Road District*—5 A.M. to 10 A.M.; 4 to 7 P.M.
   *Nowroji Hill and Dongri*—5 to 9 A.M.; 4 to 7 P.M.
   *Mazagon and Mount Road*—5 to 10 A.M.; 4 to 7 P.M.

3. The Malabar Hill Reservoir supplies the water it receives from the Tulsi 24″ main to the following localities :—

   *Fort*—5-30 A.M. to 12 noon, and 5 to 6 P.M.
   *Girgaum and Dhobitalao*—5-30 to 9-30 A.M., and 5 to 8 P.M.

*Colaba*—5-30 to 10 A.M., and 5 to 8 P.M.

*Malabar Hill.*
*Khambala Hill.*
At varying hours according to the different levels in order to fairly meet the requirements.
There are ten districts at present.

The mains in Fort and Colaba are also charged at low pressure from 12 noon to 5 P.M.

RIENZI WALTON,
Executive Engineer.

No. 1803. *Resolved* : "That the consideration of the Commissioner's letter, No. 3490, dated this day, be postponed till next week."

No. 1804. *Resolved* : "That the Corporation be recommended to inform Mr. Vaidh Ganpatrao Moreshwar, in reply to his letter, dated 8th instant, complaining of the erection of certain buildings at Fanaswadi without the provision of sufficient space for ventilation, that the matter is one entirely within the Commissioner's control."

No. 1805. *Resolved* : "That the following be *recorded* :—Memorandum No. 2966, dated 6th instant, from the Commissioner, submitting report from the Health Officer, showing analyses of Vehar and Tulsi waters at present delivered in the City, as under :—

*Sample of filtered Tulsi water obtained from the distributing tank, Malabar Hill Reservoir, on the 4th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... ·03 |
| Albuminoid ammonia... ... | ... ·16 |

*Sample of unfiltered Tulsi water obtained from the inlet well, Malabar Hill Reservoir, on the 4th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... ·13 |
| Albuminoid ammonia... ... | ... ·22 |

*Sample of unfiltered Vehar water obtained from the Bhundarwada Reservoir, on the 4th instant.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... | ... ·01 |
| Albuminoid ammonia... ... | ... ·20 |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 10th May 1891.

The following return was read and *recorded* :—

Return of fires at Victoria Bundar, Lower Colaba and Mody Bundar, forwarded with the Commissioner's memorandum No. 2924, dated 5th May 1891.†

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BOMBAY, 20*th May* 1891.

AT the Meeting of the Standing Committee, held this day, there were present :—

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMASJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

No. 1989. Resolution No. 1795 was amended and placed on the minutes as follows :—"That the Corporation be recommended to sanction the fencing of the Municipal property at Pawai comprising the engine house, engineer's quarters, coal stores, &c., extending to the Vehar-Saki Road, and the placing of boundary stones round the remainder of the property at a total cost of Rs. 2,530. The cost to be met out of Surplus Cash Balance."

The minutes of the meeting held on 13th instant, as thus amended, were signed.

With reference to the point of order put to the Committee on the 13th instant, in regard to the notice of motion given on the 6th idem as to the placing of boundary stones round the Municipal land at Pawai, the Commissioner now stated that he had, in accordance with the Chairman's wishes, consulted the Municipal Solicitors, who were of opinion that the Chairman's views were correct, and that it is not competent to the Standing Committee to modify a scheme proposed by the Commissioner, in the manner proposed by the notice of motion in ques-

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* *See* Appendix C. † *See* Appendix E.

tion, although, of course, it is open to the Committee to refuse to sanction the expenditure involved in a scheme of the Commissioner's or to sanction a smaller amount only than the Commissioner asks for.

No. 1990. The seal of the Corporation was affixed (1) to deed of agreement between Mr. Jumnadas Purshotum Damji and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Kika Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the rate of Rs. 30 per square yard, for any land to be there taken up from him, and for any loss, damage or expense sustained by him by reason of such acquisition; and (2) the deed of contract with Mr. R. Ditmar for the supply of 1,517 kerosine oil lamps.

No. 1991. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 3707 and 3825, dated 15th and 16th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of owner. | Where. |
|---|---|
| Shaik Ameer Shaik Jamal | ...Building at Ripon Road, Mahomedan Street. |
| Mr. Hormusji Jeewanji ... ... | „ „ Charni Road. |

No. 1992. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 4013, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

In reference to the application from Mrs. Baker, widow of the late Drainage Inspector Baker, or Bachiri, for the grant of a compassionate allowance in respect of his service, the following letter No. 3244, dated 8th instant, from the Commissioner to the Secretary was considered :—

SIR,—I have the honour to report on an application from the widow of Mr. Anthony Baker, late Chief Inspector of Drains, who died on 25th March last, for compassionate allowance.

Mr. Baker was a Maltese, not an Englishman, and I understand his real name was Bachiri. He had gone by the name of Baker for many years. He joined the temporary service on 7th April

1879 and received a permanent appointment on 1st March 1886. He was on the list of officers who wished to, but had been refused leave to, join the Pension Fund, because they were over age when first permanently employed.

2. The medical certificate attached to Mrs. Baker's application, which is signed by J. A. daGama, L.M., states that Mr. Baker died from failure of the heart "due to septicemia arising from "constant exposure to sewer gas" and adds in a P. S. that "Dr. "Manser attended him also, and was of the same opinion." Mrs. Baker says in her application to the Standing Committee: "I now find to my grief that his heart was weakened by his noxious "work" * * "I transmit a medical certificate of the cause of his "death, which shows that his life was prematurely cut short by the "dangerous nature of his duties." I enquired of Dr. Manser whether he confirmed this certificate as to the cause of death, and he replies to me thus:—

"I hold no very definite opinion as to the disease from which "he suffered. I only saw him a few hours before he died, "at which time he was dying; was not thoroughly conscious "and was wandering in his speech. That was the only occa- "sion on which I saw him, and I am not prepared to main- "tain that the disease was septic poisoning. *It was I who* "*suggested that possibly* we had to deal with a case of septic "poisoning from the inhalation of foul matter from the drains, but "I understood from his medical attendant, Mr. J. A. daGama "that *he, daGama, looked upon the case as one of rheumatic fever*, "and I think there was a history of a prior attack from that "disease." (This is the fact.) "As the condition in which I "found the patient would be explicable on the supposition that the "case was one of rheumatic fever, I am not prepared to say that "it was not, seeing that I had not a favourable opportunity of "investigating the case."

This being Dr. Manser's opinion, I look with very considerable suspicion on Mr. daGama's certificate, as being more probably than not an afterthought conceived as a basis for making a claim on the Municipality; and were there no other circumstances entitling Mrs. Baker to favourable consideration, I should not recommend the case to the Standing Committee.

But there are such circumstances, and they arise out of exceptional merit of the deceased officer. I have no hesitation in saying that Mr. Baker was in his sphere the very best subordinate in the service of the Municipality. I find on reference to past correspondence that I had occasion, when Deputy Commissioner in 1885, to put my opinion of him on record, and I can do so more decisively now. Though Mr. Baker was Chief Inspector of Drains, there was in fact no class of work which he was not ready and able to undertake. For instance, last June when the house in Ali Gomer Street fell, Mr. Baker was the first man sent for by Mr.

Walton and myself, and worked with his gang of labourers all night. On any emergency, or any pressure, he was the best man we had to depend upon. Mr. Baldwin Latham repeatedly expressed his admiration of him, and his readiness to employ him if he should ever quit our service. Mr. Baker practically built the Leper Home at Matunga and the cages for animals in the Victoria Gardens. I may mention that the Chief Inspector of Drains has been in the practice of undertaking, as far as he can, the duties appertaining to the former Inspector of Repairs; but whether the arrangement can satisfactorily continue with any officer possessed of less than Mr. Baker's omnivorous energy, I do not yet know. To replace him is impossible. In all respects—steadiness, sobriety, docility to orders, firmness and good temper with his workmen, and untiring diligence—he was a model officer; and his widow's case is therefore one I most strongly recommend to the favour of the Standing Committee. The amount of compassionate allowance to which Mrs. Baker would be entitled under Rule XXII of the existing Pension Rules, is Rs. 2,750; and I suggest that this be paid to her.—I have, &c.,

H. A. ACWORTH.

The Commissioner informed the Committee that he had consulted Mr. Crawford, the Solicitor to the Corporation, who advised that it was competent to the Committee to make such allowance, notwithstanding the fact that Mr. Baker was not on the pension list.

No. 1993. It was agreed that a compassionate allowance be granted to Mrs. Baker, but that the Commissioner's letter No. 3244, dated 8th instant, be referred back to him for favour of report, as to how the amount can be met, and for report from the Chief Accountant on the case.

No. 1994. *Resolved*: "That the following be *recorded*:—Letter No. 3492, dated 12th instant, from the Commissioner, reporting the sale of right to cultivate Municipal land and to graze cattle thereon for the year 1891-92, as per following statement:—

*Comparative Statement shewing the annual amount realized for the rights to cultivate, &c., certain Municipal lands and places in charge of the Health Department for the years* 1888-89, 1889-90, 1890-91 *and* 1891-92.

| Pro No. | Names of Lease-holders. | Description of Lands, &c. | Acres of Lands let. | For what purpose. | Amount realized in. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 1888-89. | | | 1889-90. | | | 1890-91. | | | 1891-92. | | |
| | | | | | Rs. | a. | p. | Rs. | a. | p. | Rs. | a. | p | Rs. | a. | p. |
| 1 | Messrs. Suggaji Ramji and Tukaram Daji. | Municipal reclaimed ground at Koorla. | About 60 | Cultivation ... | 14,550 | 0 | 0 | 13,000 | 0 | 0 | 13,000 | 0 | 0 | 9,475 | 0 | 0 |
| | Do. do. ... | Do. do. at Sion ... | 4½ acres ... | Do. ... | 655 | 0 | 0 | 625 | 0 | 0 | 970 | 0 | 0 | 625 | 0 | 0 |
| 3 | Do. do. ... | Do. do. at Tardeo Flats; such portions of the Flats as are not required for reclamation purposes. | About 80 acres. | Do. ... | 4,125 | 0 | 0 | 6,525 | 0 | 0 | 16,525 | 0 | 0 | 12,025 | 0 | 0 |
| 4 | Hurji Nanji ... ... ... | Ground on west side of Arthur Road. | 12½ acres .. | Do. ... | 3,500 | 0 | 0 | 630 | 0 | 0 | 2,446 | 0 | 0 | 2,160 | 0 | 0 |
| 5 | Pandoo Arjoon... ... ... | Ground at Arthur Road and DeLisle Road adjoining the new hospital and Sheep Market and portion of land on side of Chinchpogli drain between DeLisle and G. I. P. Railway. | 14,735 sq.yd. | Do. and cutting grass. | 875 | 0 | 0 | 825 | 0 | 0 | 1,125 | 0 | 0 | 700 | 0 | 0 |
| 6 | Shamji Premji ... ... ... | Clerk Road Old Cemetery, north .. | ..... | Cutting grass and grazing cattle. | 180 | 0 | 0 | 310 | 0 | 0 | 260 | 0 | 0 | 200 | 0 | 0 |
| | | Total Rupees... ... | ..... | .. ..... | 23,885 | 0 | 0 | 22,515 | 0 | 0 | 34,326 | 0 | 0 | 25,185 | 0 | 0 |

*Resolved*: "That, as applied for by the Commissioner in his letter No. 3483, dated 12th instant, the Standing Committee approve, under the terms of section 185 of the Act, of his compounding with livery commission stable-keepers, as per following statement, for the payment during the current year of lump sums in lieu of the taxes which they would otherwise have to pay under section 180 of the Act.

No. 1995.

"That any dealer having stables in which horses are kept for sale on commission or otherwise, be charged in the same way on the principles laid down in the Commissioner's letter No. 17581, dated 15th November 1890."*

* *See*, 150, Part II, Vol. XIV, of the Record.

LIBRARY OF THE BOMBAY BRANCH OF THE ROYAL ASIATIC SOCIETY

| No. | Ward. | Ward No. | Names of Stable-keepers. |
|---|---|---|---|
| 1 | 2 | 3 | 4 |
| 1 | B | 2303 @ 2309 | Dinshaw Suntook & Co. ... ... |
| 2 | E | 87 | Molvi Saheb ... ... ... |
| 3 | " | 3099—3112 | Umar Jamal Vanjari ... ... |
| 4 | " | 3113—3130 | Do. do. ... ... |
| 5 | " | 3229 | Karimkhan Daryakhan ... ... |
| 6 | " | 3230 | Gulam Nabi ... ... ... |
| 7 | " | 3265—3281 | Sulliman bin Dawood & Co. ... |
| 8 | " | 3283—3293 | Do. do. ... ... |
| 9 | " | 3839—3842 | Ali bin Umar ... ... ... |
| | C | 6181 | Ratanji Rustamji*... ... ... |
| | E | 3319—3321 and 3325—3327 | Haji Esa bin Curtas† ... ... |

| Total number of horses that can accommodate. | Amount of tax to be charged at 8 annas per stall. | Remarks. |
|---|---|---|
| 5 | 6 | 7 |
| | Rs. a. p. | |
| 557 | 278 8 0 | No alteration. |
| 14 | 7 0 0 | Last year there were 16 stalls, but two have been removed and the space is used for residence (grooms'). |
| 986 | 493 0 0 | Old house used by servants has been altered into 13 horse stalls and a space measuring 79′ × 20′, formerly used for coach factory, has been made use of for horses wherein 19 horses can be accommodated, allowing 12′ × 7½′ for each horse. In all can be accommodated in the stable—<br>32 more<br>+ 954 last year.<br>= 986 |
| 926 | 463 0 0 | No alteration. |
| 16 | 8 0 0 | Do. |
| 16 | 8 0 0 | Do. |
| 624 | 312 0 0 | Do. |
| 380 | 190 0 0 | Do. |
| 559 | 279 8 0 | Do. |
| As last year's 5 | 2 8 0 | *This is not a *bonâ fide* commission stable, sometimes horses are sold on commission here ; when I inspected I found 5 horses. Bill for 1891-92 issued on 4th May 1891 for Rs. 2-8-0. |
| As last year's 246 | 123 0 0 | †The owner is dead. There is not a single horse in the stable. |

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 3705, dated 15th instant, the Corporation be recommended to sanction the payment of Rs. 3,350, from surplus cash balance, to meet the cost of laying a 4″ main in Parsi Bazaar Street, Upper Colaba, for the improvement of the water supply of that locality."

No. 1996.

*Resolved* : " That the following be *recorded* :—Letter No. 3909, dated 18th instant, from the Commissioner, reporting that there is no water main in Dhunji Street, between Girgam Back Road and Grant Road (Frere Bridge), and that several complaints have been received from the residents of that locality about the water-supply. Stating that to meet this want it is necessary to lay about 800 feet of pipe at a cost of Rs. 1,200, and that towards this cost the Church Mission Society have agreed to contribute Rs. 320, as their properties would be supplied from this main.

No. 1997.

" 2. That the Corporation be recommended, as applied for by the Commissioner, to sanction the payment of Rs. 880, from surplus cash balance, to meet the cost of laying 800 feet of 4″ water main in Dhunji Street, between Girgam Back Road and Grant Road (Frere Bridge) for the improvement of the water-supply of that locality."

*Resolved* : " That, as applied for by the Commissioner in his memorandum No. 3805, dated 16th instant, sanction be given to the payment of Rs. 156, being the cost of removing thirteen 48″ surplus pipes belonging to the Tansa stock from Pawai to siphon No. 8 on the Tansa Water Works duct line. The amount to be debited to savings in the grant for constructing Engineer's quarters at Pawai."

No. 1998.

*Resolved* : " That the following be forwarded to the Corporation :—Memorandum No. 3686, dated 15th instant, from the Commissioner, reporting, for the information of the Committee and the Corporation, that, under section 64 (3*c*) of the Act, he has requested the Deputy Executive Engineer, Water Works, to lay with the least possible delay a separate 3″ main from Kharsedji Suklaji Street to the Kamathipura Night-soil Depôt, for flushing purposes in which the want of water is so serious as to constitute a grave danger."

No. 1999.

Considered letter No. 3715, dated 15th instant, to the Secretary, as under :—

SIR,—I have the honor to state that, according to the terms of the contract with the Gas Company, they are required to supply gas at a pressure of $\frac{8}{10}$ths of an inch, and that to ascertain this pressure during the night it is absolutely necessary to provide automatic pressure gauges in different parts of the city.

At present the only means of finding out the pressure of gas in the mains are the two gauges—one at the photometer house at Parel, and the other in the Municipal Office. These gauges are very old, and though frequently repaired have been found to be unserviceable, and not to register the pressure correctly.

For the reasons above given, it is absolutely necessary to replace them and to provide four additional gauges in different parts of the city for the purpose of ascertaining with accuracy the amount of pressure of gas in the mains.

The cost of these six gauges is Rs. 1,290 which can be met by a transfer from savings as shown in the accompanying statement, and I have the honor to request sanction to their being purchased.—I have, &c., H. A. ACWORTH, Commissioner.

No. 2000. *Resolved* : " That, as applied for by the Commissioner in his letter No. 3715, dated 15th instant, and subject to the approval of the Corporation, under section 133 of the Act, sanction be given to the transfer of Rs. 1,290 from savings in the Executive Engineer's Department, B, public lighting branch, 2, gas lighting, to F, contingencies, same head, to meet the cost of providing six automatic pressure gauges in different parts of the city for ascertaining the pressure of gas during the night."

No. 2001. *Resolved* : " That, as applied for by the Commissioner in his letter No. 3582, dated 13th instant, sanction be given to the payment of double bhata, *viz.*, annas twelve per day, to the measurer employed under the special officer at Tansa from 26th August to 13th October and 22nd to 30th October last, being the periods during which the measurer did duty in Bombay in connection with the taking up of land for the proposed road at Matunga.

" The amount to be debited to the provision for the acquisition of land for the Tansa Water Works."

No. 2002. *Resolved* : " That, as applied for by the Commissioner in his letter No. 3908, dated 18th instant, sanction be given, under section 92(*b*) of the Municipal Act, to the sale of the materials (except the cor-

rugated iron sheets which have been repaired for the new temporary chawls); of the old sweepers' chawl in Khursetjee Suklaji Street as under :—

| | Rs. |
|---|---|
| No. 1—Southern Chawl, Lookmanji Noorbhoy ... | 2,675 |
| „ 2—Eastern Chawl, Jivaji Saloobhai ... ... | 270 |
| „ 3— Do. do. ... ... | 105 |
| „ 4—Western Chawl do. ... ... | 200 |
| Total Rs. ... | 3,250" |

*Resolved*: "That the following be *recorded*:—Letter No. 3821, dated 16th instant, from the Commissioner, reporting, for the information of the Committee, that clay models of carving work in connection with the new Municipal Offices were obtained by Mr. Stevens from the Principal of the School of Art at a cost of Rs. 1,250. The amount will be debited to the contingencies of the new Municipal Office Building."

No. 2003.

Proposed by Abdalla M. Dharamsi, Esq., seconded by Mulji B. Barbhaya, Esq.—

"That, as recommended by the Commissioner in his letter No. 3243, dated 8th instant, the Corporation be recommended to sanction, in continuation of their resolution No. 7704, dated 3rd November 1890, the fixing of the amount and the nature of the securities to be furnished by Municipal officers and servants as per lists contained in such letter in accordance with section 81 (1) (*a*) of the Municipal Act.

No. 2004.

"2. The security should either be the deposit of cash, or public securities, or surety bonds, from immoveable property holders in Bombay or the guarantee of a company or association existing for the purpose of giving such guarantees.

"That all forms of securities should be annually verified by the Auditors.

"That, in the opinion of the Standing Committee, it is not necessary that heads of departments should furnish security."*

* *See* pages 73 to 75 of the Proceedings of the Standing Committee, dated 13th instant.

Considered the following letter to the Commissioner:—

No. 219 of 1891-92.

BOMBAY, *9th May* 1891.

SIR,—Referring to your endorsement No. 3023, dated 6th instant, I have the honor to forward the accompanying statement which shows the approximate savings in establishment charges due to the Tansa Dam being completed in April 1891 instead of on the 15th June 1892, which is the date in the contract.

At the time of the preparation of the revised estimate it was known that the dam works would at latest be completed by the middle of June 1891, and provision for establishment was based on this consideration.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa Works.

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No. 3493 of 1891-92.

*12th May* 1891.

Copy forwarded to the Standing Committee with reference to their Resolution No. 1120 of 29th April 1891.—H. A. ACWORTH, Commissioner.

STATEMENT showing the approximate savings in establishment charges due to the completion of the Tansa Dam in April 1891, instead of at the contract time, 15th June 1892.

| | Rs. |
|---|---|
| From 15th to 30th April 1891 ... | 1,200 |
| For May 1891 ... ... ... | 2,400 |
| „ June „ ... ... ... | 2,400 |
| „ July „ ... ... ... | 1,732 |
| „ August „ ... ... ... | 1,732 |
| „ September „ ... ... ... | 1,732 |
| „ October „ ... ... ... | 2,132 |
| „ November „ ... ... ... | 2,632 |
| „ December „ ... ... ... | 3,132 |
| „ January 1892 ... ... ... | 3,132 |
| „ February „ ... ... ... | 3,132 |
| „ March „ ... ... ... | 3,132 |
| „ April „ ... ... ... | 3,132 |
| „ May „ ... ... ... | 3,132 |
| From 1st to 15th June 1892... ... | 1,566 |
| Rupees... | 36,318 |

W. CLERKE, C.E., Executive Engineer, Tansa Works.

*Resolved:* "That the following be *recorded*:—Memorandum No. 3493, dated 12th instant, from the Commissioner, forwarding statement showing the approximate savings on the Tansa Water Works Establishment at Rs. 36,318, due to the dam being completed in April 1891 instead of in June 1892."

No. 2005.

*Resolved* : "That the following be *recorded* :—Memo-
No. 2006. randum No. 3490, dated 12th instant, from the Commissioner, on the subject of the existing water supply of the city."*

In reply to a suggestion made by Mr. Kaikhosro N. Kabraji, the Commissioner said he would have published in the newspapers a notice signifying the hours at which water is supplied daily in the various districts.

*Resolved* : "That, as applied for by the Secretary, sanc-
No. 2007. tion be given to the payment of Rs. 15 from savings in section III, fees payable to members of the Standing Committee, to meet the salary of an extra clerk appointed for one month during the absence of the head clerk on privilege leave."

Considered the following :—

No. 2094 OF 1891-92.

To THE MUNICIPAL SECRETARY.

BOMBAY, 25*th April* 1891.

SIR,

On 5th January 1881, as then reported to the Town Council, two Deposit Accounts, called the Drainage Loan Deposit Account and the Surface Drainage Loan Deposit Account, were opened by the Municipality in the Bank of Bombay on the following terms :—

"1. That the Bank pay the Municipality interest on the daily balance in hand at 3 per cent. per annum for the period from 1st January to 30th June in each year and at the rate of 1 per cent. per annum for the period from 1st July to 31st December every year.

"2. That the Municipality to be at liberty to withdraw the Funds for Drainage or Bhandarwada Works, or for re-investment in Government Paper in sums not exceeding 10 lacs in any one half-year ending 30th June and 15 lacs during any half-year ending 31st December.

"3. That, if the Municipality has occasion to draw a cheque at any time for 5 lacs or upwards, they will give the Bank not less than a week's notice of their intention.

"4. That, if the funds are re-invested, the Municipality will employ the Bank to make the investment on the same terms as regards its charge for commission as the present sale, *viz.*, at a commission of $\frac{1}{8}$ per cent. or half the Bank's usual rate.

"5. This arrangement will continue in force for 3 years from this date."

* *See* pages 79 to 83 of the Proceedings of the Standing Committee, dated 13th inst.

This arrangement continued, without any formal renewal, till July 1886. In September 1885 the same arrangement was made with regard to the Funds belonging to the 44 lacs Sanitary Works Loan. The Municipal Building Fund, the Road Improvement Fund, and the Nesbit Road Bridge Reserve Fund were subsequently deposited on the same terms. In all these cases the arrangement either continued till the different Funds specified were exhausted or still continues, and there has been no formal renewal of terms, with this exception, that an option of withdrawal at six months' notice has been given to both parties. The whole of the Funds raised under the Tansa Loan have been deposited on the same terms with the option, after the first year, of withdrawal at six months' notice (*vide* page 93, part II, Town Council's Proceedings, 1886-87).

The deposit accounts noted in the margin were also from time to time opened at the same rates of interest without any special agreement being come to at all. The Standing Committee and Corporation are well aware that, during the past autumn and winter, Bank demands for money and Bank rates of interest in Bombay have been, owing to the plethora of money in the market, extraordinarily low—a state of things which, to some extent, continues to exist at present. For instance, the Bank rate of interest in March last was 5 per cent., while in March last year it was 12 per cent. No doubt the liability to pay interest to the Municipality on their deposit accounts has been for some months a disadvantage to the Bank of Bombay, though the circumstance that during the past ten years that Bank has been so ready to open new accounts, for large amounts at the interest which I have already quoted indicates that the arrangement has been on the whole a profitable one to it. At all events on 6th December 1890 six months' notice of the termination of the arrangement I have referred to was given in respect of all the deposit accounts now affected by it by the Secretary and Treasurer of the Bank of Bombay, and from either 6th or 30th June interest on them will cease to be paid.

October 1887.—Surplus Cash Deposit.
July 1887.—New Sanitary Works Loan Deposit Account No. 2, 7 lacs.
December 1887.—Drainage and Water Works Loan Deposit Account, 12 lacs.
November 1888.—Miscellaneous Works Loan of 1888-89, Deposit Account, 10 lacs.
March 1889.—Municipal Loans Sinking Fund Deposit Account.

BANK RATE.

| | December. | |
|---|---|---|
| 1881... | ... 7 | per cent. |
| 1882... | 4 to 5 | ,, |
| 1883... | ... 5 | ,, |
| 1884... | ... 4 | ,, |
| 1885... | ... 4 | ,, |
| 1886... | 4 to 6 | ,, |
| 1887... | 3 to 4 | ,, |
| 1888... | ... 7 | ,, |
| 1889... | maximum 7 | ,, |
| 1890... | ... 8 | ,, |

2. The Bank is strictly within its rights in terminating the old understanding or formal agreement, it was sometimes the one and

sometimes the other and declining to pay interest which has been paid for so many years presumably to the benefit of both parties; and it may be assumed to be the best judge of its own interests. But as the Municipality under section 112 of the City of Bombay Municipal Act quoted in the margin are in a position to exercise no pressure beyond idle remonstrance, however unfairly they may deem themselves to have been treated (which I do not assert to have been the case in the present instance), I conceive it to be my duty to ask the Standing Committee and the Corporation to take into their very serious consideration the question whether such a state of affairs is satisfactory to them. They are compelled to place their funds in a single Bank and practically left at the mercy of that Bank as to terms, having no scope for the exercise of argument in any of the numberless ways which very large depositors and investors and borrowers have at their command when they have freedom of action.

[o] 112. All moneys payable to the credit of the Municipal Fund shall be received by the Commissioner and shall be forthwith paid into the Bank for the time being appointed to receive Government dues at Bombay to the credit of an account, which shall be styled "the account of the Municipal Fund of the City of Bombay."

3. What, if any, should be the statutory restriction or limitation as to the place of deposit of Municipal Funds is the matter for consideration. Section 42 of the Presidency Banks Act of 1876 debars the agency of a Presidency Bank from taking local deposit accounts, *e.g.*, we could not transfer our account to the Bombay Agency of the Bank of Bengal as the latter is not at liberty to take it, though it might, no doubt, be made so by an amendment of the Presidency Banks Act, or of the Municipal Act, giving power to deposit Municipal Funds in any agency which the Banks of Bengal and Madras may have established in Bombay and transact other specified business with them, anything to the contrary in the Presidency Banks Act notwithstanding. But there may be some doubt whether a proposal to amend the Presidency Banks Act would be favourably entertained by the Government of India, though the Corporation will perhaps be prepared to press the question; for it seems unreasonable that restrictions which are tantamount to a direct increase of taxation should be allowed to continue for the benefit of an illiberal and short-sighted Bank. It is to be understood that I am not applying these terms to the Bank of Bombay, but to a hypothetical case. I am inclined, however, to think that the best solution of the matter will be to withdraw all restriction whatsoever on the free action of the Municipality and leave them to take care of their own funds and deposit them where they please, as the Port Trustees do, who have, I am at liberty to observe, recently withdrawn their account from the Bank of Bombay for precisely the same reasons as those which the Municipality have now to complain of. I do not deny that the Municipality and the Port Trust are bodies so differently constituted that a latitude may in some cases be allowed to the one. I do not specify which one, which it

would be imprudent to allow to the other; nevertheless both are popular bodies and fiduciaries of public funds, and the much greater degree of publicity and notoriety which attends Municipal action is not altogether without its advantages as a guarantee of sound discretion. It would be necessary, of course, to assign to some specified Municipal authority the power to deposit and transfer Municipal Funds and the financial business of the Municipality. That authority should clearly be the Standing Committee, but though the Corporation may not agree with me, I should limit the power of the Standing Committee by allowing them only to act on the recommendation of the Commissioner. These details, however, will be better discussed elsewhere. It is obviously undesirable that I should enter into any detail in a report which is an open document likely to be published. I have only to add that the limitations, by which the discretion of the Municipality is now confined, seem to me so undesirable and unjust that I should have raised this question even if the action of the Bank had not compelled me to do so. With these remarks I suggest that a small Committee be appointed to consider the matter.—I have, &c.,

H. A. ACWORTH, Commissioner.

## THE DEPOSIT OF MUNICIPAL FUNDS.

The Sub-Committee appointed by the Standing Committee on

"That a Committee of the following gentlemen be appointed to consider and report on the
No. 1411. Commissioner's confidential letter No. 2094, dated 25th April 1891, regarding the banking of Municipal funds :—

SIR HENRY MORLAND, COLONEL MEREWETHER, MR. COWASJEE HORMUSJEE, THE HON'BLE MR. FAZULBHOY VISRAM, and MR. MULJI B. BARBHAYA.

"Three to form a quorum, and Sir Henry Morland to be Chairman."

the 6th instant, as per margin, have the honour to state that they are unanimous in reporting as follows :—

"That the Standing Committee be advised to recommend the Corporation to apply to Government to amend the Municipal Act in such a way as to give the Corporation the power to deposit its funds in any bank or banks in Bombay, it being left to the Standing Committee to decide upon the place or places of deposit and the limit of deposit in each.

"That the manipulation of the funds so deposited be left, within the limits so fixed, to the Comissioner.

"That the amount thus deposited in each Bank be stated on the agenda paper of each weekly meeting of the Standing Committee."

HENRY MORLAND.
G. MEREWETHER.
COWASJEE HORMUSJEE.
FAZULBHAI VISRAM.
MULJI BHAWANDAS BARBHAYA.

15th May 1891.

10

*Note.*—Since the arrangements were first made for the payment of interest on floating balances in the year 1888, the interest received by the Municipality has been as follows :—

SUMMARY of Interest received on different Deposit Accounts from the dates of opening of the respective accounts to 31*st December* 1890.

| | Rs. | a. | p. |
|---|---|---|---|
| New Sanitary Works Loan Deposit Account (44 lakhs). | 5,710 | 1 | 11 |
| Municipal Building Fund Deposit Account ... ... | 21,313 | 10 | 9 |
| Nesbit Road Bridge Account ... ... ... ... | 68 | 0 | 0 |
| Municipal Road Improvement Fund ... ... ... | 565 | 12 | 7 |
| Tansa Loan Deposit Account, No. I. ... ... ... | 40,083 | 6 | 3 |
| Tansa Loan Deposit Account, No. II.... ... ... | 3,460 | 0 | 0 |
| New Sanitary Works Loans Deposit Account, No. II. | 12,013 | 8 | 5 |
| The Drainage and Water Works Loan Deposit Account (of 12 lakhs). ... ... ... ... | 29,471 | 14 | 4 |
| The Miscellaneous Works Loan of 1888-89 ... ... | 4,484 | 5 | 5 |
| Surplus Cash Deposit Account... ... ... ... | 3,081 | 13 | 3 |
| The Municipal Commissioner and the Controller of Municipal Account Sinking Fund ... ... | 12,965 | 4 | 8 |
| Municipal Loans Sinking Fund Deposit Account ... | 212 | 9 | 7 |
| Sanitary Works Loan Sinking Fund Account ... | 1,049 | 6 | 4 |
| Municipal Buildings Fire Insurance Fund Deposit Account.... ... ... ... ... .. ... | 0 | 3 | 4 |
| The 35 Lakhs Various Sanitary Works Loan Account. | 468 | 10 | 11 |
| Total ...Rs. | 1,34,948 | 10 | 11 |

Exclusive of the interest realized on the Drainage Loan and Surface Drainage Loan Deposit Accounts, the pass books for which cannot be found.

The following Minute by the Hon'ble Mr. Javerilal U. Yajnik was also considered :—

I admit that the discontinuance by the Bank of Bombay to pay interest on Municipal deposits from June next, as notified by the Bank, will result in a loss to the Municipality. From the letter of the Municipal Commissioner, however, it does not appear that he had had any communications with the Secretary and Treasurer of the Bank for the purpose of securing better terms, if not at present, when money is easy and the channels of safe investment so few, at all events as soon as the existing state of the money market shows improvement. If the securing of interest on our deposits with the Bank be a question of a few months only, I would not advise any attempt for the transfer of the funds to any Presidency Bank's Agency in Bombay. When the question of permanently depositing Municipal Funds at no interest arises, it may be proper to move in the matter so as to secure better terms. Meanwhile, I should recommend the Standing Committee to request the Municipal Commissioner to obtain the views of the Bank of Bombay on this important point. No doubt, it is to the advantage of the Municipality to have more than one Presidency Bank to deal with in respect of its deposits. But, as things stand at present, it appears that the local Agency of the Bank of Bengal cannot, under the existing Presidency Banks Act of 1879, receive

deposits at interest. It seems to me questionable if the Government of India or of Bombay will allow any alteration to be made either in the Presidency Banks Act or the Municipal Act, which will permit of Municipal Funds being transferred to such Agency or any other Bank. And he would, in my opinion, be a bold Municipal Commissioner who would recommend the transfer of Municipal Funds to any of the exchange Banks after the disasters, more or less severe, which some of them have recently experienced through speculative transactions in exchange.

One thing seems clear from the letter of the Municipal Commissioner, and that is the Bank of Bombay has, with or without a formal agreement, continued the present arrangement, for payment of interest during the last ten years, that is to say, as long as the Bank has found that it is able to turn Municipal Funds to good account. And it is apparent that the reason why it now offers to withdraw from the arrangement is that it finds itself powerless, in the existing state of the money market and the small chances there are of making the Municipal deposits yield enough to enable it to meet its liability to the Municipality on account of interest. In this circumstance, does the Commissioner expect, or would the Standing Committee expect, the Bank to continue an arrangement whereby it finds, though once in ten years, that the arrangement would be clearly to its disadvantage? Again, does the Commissioner think that what the Bank of Bombay finds it disadvantageous to do would be thought advantageous by any other Bank?

In the present state of the money market, again, when the channels for safe profitable investment are few, the point which the Standing Committee has to consider is not, as the Municipal Commissioner points out, the place of deposit of Municipal funds so much as, I think, whether the Bank of Bombay is treating its other large depositors more favourably than it treats the Municipality. If it can be shown that it gives better terms to other large depositors, while at the same time refusing such terms to the Municipality, then, I say, the Municipality most decidedly has reasonable grounds for complaint and for transfer of its deposits elsewhere. In that case the Municipal Commissioner will have good reason for calling the Bank of Bombay, or leading one to think of the Bank, as an illiberal and short-sighted Bank. But the Commissioner knows, I believe, that even the largest depositors, such as the exchange Banks and private firms, allow their deposits to remain with the Bank at *no* interest. And why? Because they think that the deposits are more safe there than elsewhere. It seems to me therefore that in these times considerations of *safety* should override those of profitable employment elsewhere. The fact of the Bombay Port Trust having transferred its deposits elsewhere constitutes no valid ground for any such action on the part of the Municipality. In Calcutta the Port Trust, if I am correctly informed, receives no interest whatever upon its deposits with the Bank of Bengal.

Again, it seems to me that the present restrictions in the Municipal Act on the free action of the Municipality to deal with its deposits as they please are based chiefly on prudential considerations as to their safety and the confidence which such deposits with a Presidency Bank like the Bank of Bombay, inspire in the public, who form by far the bulk of the creditors of the Municipality. Any other course is, in my opinion, less likely to engender such confidence. The proposal to assign to the Standing Committee the authority to deposit and transfer Municipal Funds and to manage the financial business of the Municipality is one which, I am afraid, will hardly meet with the approval of the Corporation. The further proposal of the Commissioner to limit the power of the Standing Committee

by allowing them only to act on the recommendations of the Commissioner constitutes the Municipal Commissioner as the final authority, whose word, in financial matters, should be a law to the Standing Committee and the Corporation : such a proposal involves the surrender to the Municipal Commissioner and the loss to the Standing Committee and the Corporation of a privilege of so valued a character that I shall not be surprised if the Corporation reject it at once.

The considerations above set forth lead me to the following conclusions on the Commissioner's letter about Municipal deposits with the Bank of Bombay :—

(1) That hardly any case has been made out for going up to Government for a change in the Bombay Municipal Act or the Presidency Banks Act of 1879, with regard to the place of deposit of Municipal Funds elsewhere than with the Bank of Bombay.

(2) That considerations of *safety* of the Municipal Fund should override all considerations of profit derivable from such Fund.

(3) That any power given to the Municipality to deposit the Municipal Fund elsewhere than with the Chief Presidency Bank, will, in my opinion, tend to diminish the confidence of the investing public who have a large stake in the safe and sound administration of the Municipal Fund.

(4) That the authority to deposit and transfer the Municipal Fund, which at present vests in the Corporation, should remain undisturbed.

(5) That no reason has been shown to limit the powers of the Standing Committee in financial matters by allowing them to be exercised only on the recommendation of the Municipal Commissioner.

(6) That, in the meanwhile, the best course to take would be, in my opinion, to communicate with the Secretary and Treasurer of the Bank of Bombay as to what concessions, if any, the Bank is prepared to make in regard to a profitable investment of the Municipal Fund in the future.

JAVERILAL U. YAJNIK.

MAHABLESHWAR, *5th May* 1891.

No. 2008. *Resolved* : "That the report of the Sub-Committee, regarding the banking of Municipal funds, dated 15th instant, be approved and adopted, and that the same be forwarded to the Corporation as the report of the Standing Committee."

No. 2009. *Resolved* : "That the following be *recorded* :—Memorandum No. 3697, dated 15th instant, from the Comssissioner, reporting, with reference to Standing Committee's resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 2,50,000, (1) of Rs. 1,50,000 from the Miscellaneous Works Loan of 1888-89, Deposit Account to the Municipal General Fund Pass Book on the 4th instant ; (2) of Rs. 50,000 from ditto to ditto on 7th idem ; and (3) of Rs. 50,000 from the new Sanitary Works Loan Deposit Account No. 2 to ditto on ditto.'

*Resolved*: "That the following be *recorded*:—Letter No. 3925, dated 19th instant, from the Commissioner, reporting that it has been found necessary to cancel the sale to Laxmon Panday of right of cutting grass from the sides of the open main drain between Arthur and Clerk Roads and on the banks of the storm-water reservoir at Mahalaxmi (which was recorded by the Committee on the 28th January last) as the Executive Engineer reports that the ground in question is required for depositing silt from the channel in the storm-water reservoir."

No. 2010.

*Resolved*: "That the Corporation be recommended to inform Mr. Moosa Sulaman (in the terms of their resolution No. 1762, dated 11th instant) that they cannot interfere in a mere matter of assessment, and that applicant should apply to the Commissioner."

No. 2011.

The following statement* was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 17th May 1891.

The following return was read and *recorded*:—

Return of fires at Victoria Bandar, Kamathipura Bazar Road and Parel Road (Chinchpoogly), forwarded with the Commissioner's memorandum No. 4010, dated 20th May 1891.†

Considered letter, No. 3994 of 1891-92, to the Secretary, as under:—

SIR,—I have the honor to request the sanction of the Standing Committee to my entering into a contract with the Indian Patent Stone Company for paving 91,000 square feet of foot-paths at Rs. 34 per brass, including 4" of concrete. The patent stone has proved a great success wherever tried. A portion of Parel Road was paved with it in September last, and it has been extensively used in Calcutta, not only for foot-paths but for roads carrying a heavy-wheeled traffic and with excellent results.

It constitutes a much smoother and more level pavement than blue stone, and is cheaper.

It is proposed to retain the blue stone, however, for kerbing and carriage ways.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved*: "That, as recommended by the Commissioner in his letter No. 3994, dated 20th instant, sanction be given to his entering into a contract with the Indian Patent Stone Company for paving 91,000 square feet of foot-paths at Rs. 34 per brass, including 4" of concrete.

No. 2013.

* *See* Appendix C.

† *See* Appendix E.

"That, under section 72 (3) of the Act, the Standing Committee dispense with the invitation for tenders, which would otherwise be necessary as the Company are specially qualified to supply that stone."

*Resolved*: "That, as applied for by the Commissioner in his letter No. 3370, dated 11th instant, the Corporation be recommended to sanction the continuance of the same arrangement as during last year, of paying the staff employed at Pawai full pay while temporarily disabled from duty on account of fever." No. 2014.

In reference to the Committee's Resolution No. 1793, dated 13th instant, the Commissioner said that the amount of salaries paid last year to employés at Pawai during sickness was Rs. 192-1-4. If only half pay had been allowed, the same would have been Rs. 96 only. All necessary precautions were taken to prevent frauds on the Municipal fund when the allowances were granted.

Considered the list of outstanding business (1st May 1891):—

*Item No.* 7.—Memorandum from the Municipal Secretary submitting petition, dated 4th March 1891, to the Corporation from Mr. Dharamdass Devidas in connection with the drainage work of his property No. 328, DeLisle Road. Referred to the Commissioner for report (11th March 1891).

a Struck out, having been disposed of last week under the Committee's resolution No. 1801.

*Item No.* 8.—Memorandum from the Municipal Secretary, forwarding petition addressed to the Corporation by Mr. Morlidhur Cutchoo, on the subject of refund of ¼th drawback in respect of his property, Ward No. 2591, for the first half-year commencing from 1st April 1890. Referred to the Commissioner for report (11th March 1891).

Struck out, having been disposed of last week by the Committee's resolution No. 1797.

*Item No.* 9.—Application from Mr. Ramchandra Mukundjee, Head Clerk, Corporation and Standing Committee Office, asking for consolidation of personal allowance with his salary. Postponed until amended pension rules are sanctioned by the Corporation (1st April 1891).

Struck out. It was agreed that the Head Clerk can make another application when the pension rules are being considered.

*Item No.* 10.—Petition, dated 3rd April 1891, from Ratanbai, wife of Mr. Cowasjee Bhicaji, requesting that refund of property tax may be allowed to her in respect of her property Nos. 1-2, Walkeshwar Road. Referred to the Commissioner for remarks (8th April 1891).

Struck out. It was agreed that Ratanbai be informed that the Standing Committee cannot interfere in the matter of assessments, and that the applicant should apply to the Commissioner.

No. 2015.

*Item No.* 11.—Further letter from Mr. Sumsoodin Sulamanji, on the subject of nuisance from drain on the site of the old Race Course. Referred to the Commissioner for remarks (22nd April 1891).

Struck out, having been disposed of last week under the Committee's resolution No. 1796 of 13th instant.

*Item No.* 12.—Letter from Mrs. Margaret Baker, requesting that she may be allowed a compassionate allowance in respect of the services of her deceased husband, late Inspector of the Drainage Department. Referred to the Commissioner for remarks (22nd April 1891).

Struck out, having been disposed of this day.

*Item No.* 14.—Memorandum from the Municipal Secretary forwarding application, dated 20th April 1891, addressed to the Corporation, by Mr. Morlidhur Cutchoo, regarding the assessment of his property No. 390, Falkland Road. Referred to the Commissioner for remarks (29th April 1891).

Struck out. It was agreed that the Corporation be recommended to inform Mr. Morlidhur Cutchoo in terms of their resolution No. 1762, dated 11th instant, that they cannot interfere in a mere matter of assessments, and that the applicant should apply to the Commissioner.

No. 2016.

*Item No.* 15.—Letter, dated 21st April 1891, from Mr. M. C. D. Motisha, complaining of the defective lighting of the kerosine lamps in Naigam (Matunga Road). Referred to the Commissioner for remarks (29th April 1891).

Struck out. It was agreed that the report of the Commissioner be considered next week.

*Item No.* 16.—The Commissioner asked to furnish the Committee with a statement showing the total savings on the original estimates for establishment, Tansa Water Works, assuming that the work had not been completed till the expiration of the contract period as against the

payment of Rs. 96,000 to Messrs. Glover & Co., the Contractors, as bonus for the completion of the dam within the contract period (29th April 1891).

* Struck out, having been disposed of this day.

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BOMBAY, 27*th May* 1891.

AT the meeting of the Standing Committee held this day, there were present :

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 20th instant, were signed.

No. 2117. The seal of the Corporation was affixed to deed of agreement between Mr. Dadabhai Dhunjibhai and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Suparibág Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and for any loss, damage or expense sustained by him by reason of such acquisition. The seal was also affixed (1) to 3 consolidated debentures of the Tansa Water Works Loan Nos. 17573-74, of Rs. 1,000 ; Nos. 15780-85, of Rs. 3,000 ; and Nos. 15789-90, of Rs. 1,000 : (2) to 1 consolidated debenture of the Sanitary Works Loan, Nos. 1446-49 N.N., of Rs. 2,000 : and (3) to 3 attested duplicate debentures of the Tansa Water Works Loan, Nos. 623, 624 and 755, of Rs. 500 each.

No. 2118. *Resolved* : " That, as applied for by the Commissioner in his letter No. 4390, dated 26th instant, sanction be given, under sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Trimbuckrao Anandrao for the recovery of Rs. 195-4-10, being the amount of property tax bills due for the second half of 1890-91 and first half of 1891-92, in respect of Ward Nos. 4817 (1) (2), 4318 and 4819, Argyle Road."

No. 2119. *Resolved* : " That, as recommended by the Commissioner in his memorandum No. 4146, dated 21st instant, sanction be given to full pay being allowed from 5th to 26th April last, both days inclusive, to Foreman J. M. Henriques, (employed at Malabar Hill

Reservoir), during which time he was under medical treatment, for an injury done to his right hand whilst in the discharge of his duties."

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 4245, dated 22nd instant, sanction be given to the transfer of Rs. 36 from savings in Account and Expenditure, Audit Establishment, Section I, to Section II, Municipal Commissioner's Establishment, to meet cost of acting arrangements made during the absence of the Commissioner's head clerk on privilege leave for twenty-two days from 9th to 30th April 1891."

No. 2120.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 4183, dated 21st instant, the Corporation be recommended to sanction the writing off of Rs. 20, being the book value of 40 forms of obsolete building applications, the use of which was discontinued as they did not contain the schedule of specification of dimensions."

No. 2121.

Read letter No. 4009, dated 20th instant, to the Secretary, as under :—

SIR,—With reference to Municipal Secretary's No. 11358 of 5th February 1891, I have the honour to forward an estimate, amounting to Rs. 8,294, for repairs to the house of the Superintendent of Gardens at the Victoria Gardens. Mr. Walton reports that the house in its present state is not safe for habitation. During a part of the rains last year the Superintendent was driven out of the house by malaria and damp, but made no application for house-rent as he was in hopes that the construction of a new house would be sanctioned in a few months. He now writes to me upon the subject, and I am obliged to recommend that house-rent at the rate of Rs. 100 a month be allowed him from next June, as it will be wholly impossible that he should occupy his bungalow, and free quarters are a part of the emoluments of his appointment. At the same time it is very undesirable that the Superintendent should live elsewhere than in the Victoria Gardens, and I request therefore sanction to the sum proposed for repairs to his bungalow, though it would in every way be better that a new upper-storied building should be erected as originally proposed by me. The ground occupied by the existing building, ought to be thrown into the Garden, and considering the recent extensions, which include additional artificial lakes, and involve a much greater use of water than before, I fear that no repairs will render that building a healthy or suitable habitation.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved*: "That the consideration of letter No. 4009, dated 20th instant, from the Commissioner, be postponed for a week, and that in the meanwhile the Commissioner be requested to furnish revised plan and estimate, of the cost of a new bungalow, for the Superintendent of Gardens."

No. 2122.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 3951, dated 19th instant, and in consequence of increased work, especially in connection with the revised and stricter method of keeping the stock accounts, sanction be given to the temporary employment of an extra clerk, on Rs. 25 per month, for work in the Chinchpogli Water Works stores. The amount to be met out of the grant for establishment, Water Works Budget Inspection division."

No. 2123.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 4500, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 2124.

*Resolved* : "That memorandum No. 3986, dated 19th instant, from the Commissioner, forwarding statement of houses or portion of houses which fell during the month of April 1891, be referred back to him with a request that he will have the "cause of fall" defined in the case of Mr. Manockchand Nansee's chawl in Currey Road."

No. 2125.

*Resolved* : "That the following be laid on the table :— Letter, dated 20th instant, from Messrs. Ardeseer FramjeeMoos and Nanabhai R. Ranina, Municipal Auditors, stating that they have audited the weekly statements of receipts and disbursements at the end of each week for the month of April last, and compared them with ledgers and found them correct. Forwarding summary and statement of their scrutiny of the accounts."

No. 2126.

*Resolved* : "That Mr. C. D. Motisha be informed in reply to his letter, dated 21st ultimo, that, when larger burners are received from England, they will be utilized, but that even at present the kerosine lighting of Naigam is reported to be very much better than before.

"That the lamps in question cannot be lighted on moonlight nights."

No. 2127.

In accordance with notice of motion, it was proposed by K. M. Shroff, Esq.—

"That the Municipal Commissioner be requested to furnish progress report of the Tansa Water Works and to inform the Committee as to the probable date of bringing Tansa Water in Bombay."

No. 2128.

The motion was seconded by Cowasjee Hormusjee, Esq., and *carried*.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 24th May 1891.

* *See* Appendix C.

Read letter No. 4346, dated 26th instant, to the Secretary, as under :—

SIR,—With reference to some remarks which were made at the last meeting of the Standing Committee, I have the honour to forward a statement showing consumption of water by meter in January and May 1890. It will be seen that while the consumption in January was 20 million, in May it was 37¼ million gallons. The reasons of course require no elucidation, but the fact sufficiently accounts for the complaints that occur in the hot weather. The pressure on our means according to these figures nearly doubles itself. I may mention that small cases are not included, as the statement would have been inconveniently large and taken more time to prepare.—I have, &c., H. A. ACWORTH, Commissioner.

*Comparison of consumption through meter in the months of January and May 1890.*

| January. | May. | January. | May. | January. | May. | January. | May. |
|---|---|---|---|---|---|---|---|
| 60,000 | * 221,000 | 4,000 | * 21,000 | 160,000 | 209,000 | 24,000 | 40,000 |
| 30,000 | * 144,000 | 59,000 | * 135,000 | 71,000 | 130,000 | 390 | * 1,600 |
| 65,000 | * 378,000 | 2,000 | * 11,000 | 12,000 | * 38,000 | 885,000 | *1,880,000 |
| 25,000 | * 149,000 | 13.300 | 26,000 | 49,000 | * 111,000 | 32,000 | * 85,000 |
| 50,000 | * 2,82,000 | 8,000 | * 8,000 | 5,000 | * 11,000 | 9,000 | * 50.000 |
| 22,810 | * 79,090 | 600 | * 2,000 | 86 000 | 129,000 | 25,000 | * 55,000 |
| Nil. | * 51,000 | 8,000 | * 42,000 | 34,000 | 62,000 | 31,000 | * 69,000 |
| 5,000 | * 10,000 | 12,000 | * 41,000 | 2,000 | * 5,000 | 20,000 | * 41,000 |
| 9,000 | 17,000 | 828,000 | 1,023,000 | 1,000 | * 6,000 | 22,000 | * 115,000 |
| 1,000 | 3,000 | 17,000 | * 35,000 | 1,241,900 | 2,252,060 | 31,000 | * 107,000 |
| 3,000 | * 6,000 | 47,000 | 76,000 | 76,000 | * 175,000 | 9,000 | * 80,0 0 |
| 40,000 | * 110,000 | 137,000 | * 426,000 | 15,000 | * 76,000 | 42,000 | 83,000 |
| 230,000 | 350,000 | 1,940 | * 8,200 | 24,000 | * 83,000 | 6,000 | * 20,000 |
| 32,000 | * 217,000 | 88,000 | * 225,000 | 30,000 | * 67,000 | 6,000 | * 12,000 |
| 100,000 | 190,000 | 65,000 | * 148,000 | 46,000 | 73,000 | 3,407,000 | 3,830.000 |
| 55,000 | * 110,000 | 60,000 | * 218,000 | 27,000 | * 66.000 | 393,300 | 630,000 |
| 25,000 | * 50,000 | 389,000 | 670,000 | 5,530 | * 12,000 | 409,500 | 567,000 |
| 90,000 | 116,000 | 46,000 | * 243,000 | 3,000 | * 6,000 | 4,600 | 8,000 |
| 3,000 | * 84,000 | 193,000 | 336,000 | 143,000 | * 293,000 | 62,000 | * 140,000 |
| 3,000 | * 6,000 | 36,000 | 66,000 | 1,048,000 | 1,210.000 | | |
| 10,000 | * 20,000 | 217,000 | 399,000 | 119,000 | * 454,000 | | |
| 4,000 | * 31,000 | 265,000 | * 827,500 | 12,000 | * 164.000 | | |
| 1,100,000 | 1,198,000 | 5,000 | * 575 000 | 25,000 | 48,000 | | |
| 610,000 | 1,004,000 | 16,690 | * 75,000 | 375,000 | 525,000 | | |
| 659,000 | *1,425,000 | 13 000 | * 59,000 | 1,696,000 | 1,390,000 | | |
| 717,000 | *1,507,000 | 236,720 | * 580.000 | 27,300 | * 278,000 | | |
| 1,246,870 | 1,477.000 | 5,000 | * 29.000 | 27,600 | * 283,000 | | |
| 4,100 | 8,000 | 70,000 | 197,000 | 53,000 | * 148,000 | | |
| 2,000 | * 6,000 | 68,000 | * 465,000 | 400 | * 125,000 | | |
| 8,000 | * 16,000 | 58,000 | 100,000 | 2.000 | * 6,430 | | |
| 4,000 | * 9,000 | 770,000 | 833,000 | 1,800 | * 42,000 | | |
| 1,550 | * 15.000 | 31,000 | 52,000 | 4,500 | * 255,000 | | |
| 3,000 | * 6,000 | 50,000 | * 239,000 | 182,000 | 240,000 | | |
| 1,500 | * 4,000 | 4,000 | * 15,000 | 58,000 | * 375,000 | | |
| 10.000 | * 20,000 | 14,000 | * 68,000 | 120,000 | * 375,000 | | |
| 17,880 | 33,000 | 600 | * 3,000 | 96,000 | 170,000 | | |
| 2,000 | * 4,000 | 76,000 | * 160.000 | 17,000 | * 175,000 | | |
| 8,000 | 15,000 | 57,000 | * 160.000 | 2,600 | * 5,300 | | |
| 87,000 | *1,232,000 | 22,000 | * 116,250 | 90,000 | * 235,000 | | |
| 5,344,710 | 10,553,090 | 3,988,850 | 8,622,950 | 5,388,630 | 10,306,790 | 5,41 .,790 | 7,813,600 |

* In 97 cases (nearly 9 per cent.) of the whole number, consumption at least doubled. In 136 cases, increase on total 44 per cent.

*Resolved* : "That the following be *recorded* :—Letter No. 4346, dated 26th instant, from the Commissioner, reporting the consumption of water by meter in January and May 1890." No. 2129.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 4383, dated 26th instant, and subject to the approval of the Corporation under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 978-6-7 *from* savings in the grant for Fire Brigade, Section I, Establishment to Account and Expenditure, Audit Establishment, Section I, Establishment, to meet the cost of the acting arrangements made during the absence of the Deputy and Chief Accountants' absence on privilege leave from 27th February to 30th April 1891 and from 6th May to 15th June 1891, respectively, the acting allowances for the period preceding the 1st April not enbracing the 1st month of the leave." No. 2130.

Read letter No. 4405, dated 26th instant, to the Secretary, as under :—

SIR,—With reference to the Standing Committee's resolution No. 1993, dated 20th instant, I have the honour to report that Mr. Baker entered Municipal service in a temporary appointment on 7th April 1879, and remained on the temporary establishment up to 28th February 1885, or for five years, ten months twenty-four days. His average salary was Rs. 225 per mensem for the last five years of this time.

From 1st March 1885 to 25th March 1891, or for six years and twenty-five days, Mr. Baker held a permanent appointment, the average salary over the last five years being Rs. 250 per mensem.

The Standing Committee have sanctioned the payment to his widow of compassionate allowance and the amount to which she would be entitled if her husband's permanent service only were taken into account would be Rs. 1,500. But in view of the very exceptional merit of the deceased officer, it is hoped that his temporary service also may be allowed to count in his widow's favour. If this is approved, she will be entitled to a further sum of Rs. 1,125, which will require sanction by the Corporation.

The payment of Rs. 1,500 can be sanctioned by the Standing Committee from the provision of Rs. 4,2. 5-2-0 in the current year's budget for annuity pensions, &c., and the further sum of Rs. 1,125 can, with the sanction of the Corporation,

be paid from the same grant.—I have, &c., H. A. ACWORTH, Commissioner.

| | Rs. | a. | p. |
|---|---|---|---|
| From 7th April 1879 to 28th February 1885 in temporary service, 5yrs. 10m. 21d., five years' average salary being Rs. 225 per mensem, the amount of compassionate allowance for the above period would amount to ... | 1,125 | 0 | 0 |
| From 1st March 1885 to 25th March 1891 in permanent service, 6yrs. 0m. 25d., five years' average salary being Rs. 250 per mensem, the amount of compassionate allowance for the above period would amount to ... | 1,500 | 0 | 0 |
| Total ... | 2,625 | 0 | 0 |

This amount can be met from the provision of Rs. 4,295-2-0 in the current year's budget for sundry pensions, gratuities, &c.

MANECKSHAH CAWASHAH,
Acting Chief Accountant.

Proposed by Captain Sir Henry Morland, seconded by E. B. Carroll, Esq.—

No. 2131. "1. That, as recommended by the Commissioner, in his letters Nos. 3244 and 4405, dated 8th and 26th instant, sanction be given to the payment of Rs. 1,500 as compassionate allowance to the widow of Mr. Baker or Bachiri, late Chief Drainage Inspector, being the amount she would be entitled to for the period of her husband's permanent service in the Municipality; the amount to be met out of the provision of Rs. 4,295-2-0 in the budget for 1891-92, for sundry pensions, gratuities, &c

"2. That, in view of the very exceptional merit of Inspector Baker, the Corporation be recommended to sanction the further payment of a compassionate allowance to Mrs. Baker, amounting to Rs. 1,125, being the amount calculated on the temporary service of Mr. Baker extending to a period of 5 years, 10 months and 24 days, the amount to be met out of the grant for sundry pensions and gratuities."

On a division, para. 1 of the motion was *carried* unanimously, but para. 2 was *lost*, the votes being 3 *for* and 4 *against*.

No. 2132. *Resolved*: "That in continuation of the Committee's Resolution No. 1999, dated 20th instant, and as applied for by the Commissioner in his letter No. 4294, dated 22nd idem, the Corporation be recommended to sanction the expenditure of Rs. 692 from surplus cash balance, to meet the cost of laying separate 3"

main from Kharsedji Suklaji Street to Kamathipura night-soil depôt."

No. 2133. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 4421, dated 26th instant, sanction be given to the payment of Rs. 261-1-6 to Messrs. Glover & Co., being at the rate of Rs. 10 per 100 superficial feet for cement plastering of the short length of conduit adjoining the outlet well at Tansa Dam done by them. That sanction be also given to the payment of the cost of the Police employed at Tansa from 16th April 1891 to the 7th instant, amounting to Rs. 55, the amount to be met out of contingencies for the Tansa Works."

No. 2134. *Resolved*: "That the following be *recorded*:—Memorandum No. 4465, dated this day, from the Commissioner, reporting with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the surplus Cash Deposit Account to the Municipal General Fund Pass Book on the 21st instant."

No. 2135. *Resolved*: "That memorandum No. 4391, dated 26th instant, from the Commissioner, reporting on letters from Mr. Sorabji S. Bengallee, C.I.E., and others, in respect of the levy of water and halalkhor taxes on godowns, be circulated and brought on for consideration this day fortnight."

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BOMBAY, *3rd June* 1891.

AT the meeting of the Standing Committee held this day, there were present:—

CAPTAIN SIR HENRY MORLAND, KT., H.M.I.M., F.R.G.S., F.R.A.S., ASSOC. I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 27th ultimo were signed.

No. 2387. *Resolved*: "That, subject to the confirmation of Government, the assent of the Standing Committee is accorded to privilege leave of absence to H. A. Acworth, Esq., C.S., Municipal Commissioner, for 62 days from 19th September next, or such subsequent date as Mr. Acworth may avail himself of the same."

The seal of the Corporation was affixed to (1) deed of contract with Messrs. Khimji Valabhdas & Co., for the supply, during 1891-92, of sandstone, sand, shells and shingle; and (2) to deed of agreement between Bai Pirojbai and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Suparibag Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the same rate as that paid for portions marked B C H K on the said plan for any land to be there taken up from her, inclusive of any loss, damage or expense sustained by her, by reason of such acquisition.

No. 2388.

The seal was also affixed, to 8 debentures of the 35 lakhs various sanitary works loan, Nos. 6895 to 6902, of Rs. 500 each, both inclusive.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 4851, dated 30th ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

No. 2389.

| Name of Owner. | Where. |
|---|---|
| Mr. Girdhur Mowjee ... ... ... | No. 47-49, Nagdevi Street.' |

*Resolved* : "That, as applied for by the Commissioner in his letter No. 4471, dated 27th ultimo, sanction be given, under section 172 (1) of the Act, to the charging of a special halalkhor tax of Rs. 20-4-0 per mensem, equal to half the tax on value, in respect of property (A Ward) No. 406—411, Colaba Road, occupied by the Colaba Press Company."

No. 2390.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 4617, dated 28th ultimo, the Standing Committee approve, under section 172 of the Act, of the fixing of the halalkhor tax at the special rate of Rs. 1-8-0 per mensem, in respect of property (A Ward) No. 3428 (2), Ravelin Street, occupied by the Fort Gratuitous Dispensary."

No. 2391.

*Resolved* : "That, in lieu of the payment of compensation to Mr. Manekji Nowroji Maistry, as sanctioned by the Town Council in their resolution No. 1121, dated 7th September 1887, in respect of 8·14 square yards of land, or thereabout, at No. 71-73, Kavasji Patel Street, at Rs. 15 per square yard,

No. 2392.

sanction be now given to the payment of the same to Mr. Bapuji Ruttonji Limbuwalla who appears to be the person entitled to the money."

No. 2393. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 4907, dated 30th ultimo, and subject to the approval of the Corporation, under section 133 of the Act, sanction be given to the transfer of Rs. 2,000 from savings in the Executive Engineer's Department, B, Public Lighting Branch, 3, kerosine oil lighting, A, Streets, to B, contingencies, same head, to meet the cost of the supply of new kerosine lamps."

No. 2394. *Resolved*: "That the following be *recorded*:—Letter No. 4873, dated 30th ultimo, from the Commissioner, reporting, under section 92 (*a*) of the Act, that he has rented, temporarily, a piece of Municipal ground admeasuring 858·55 square yards situated between the B. B. & C. I. Railway line and the open main drain at Arthur Road, to Sir Dinshaw M. Petit, Bart., for a sum of Rs. 18 per mensem, the ground being occupied by hay stacks."

No. 2395. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 4874, dated 13th ultimo, sanction be given to the payment of Rs. 50, being the cost of 5 casks of cement (required for securing standards of screens at Gopar Dam) out of savings in the allotment for the Engineer's quarters at Pawai."

No. 2396. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 5147, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Considered again letter No. 4009, dated 20th ultimo, from the Commissioner, on the subject of repairs to the house occupied by the Superintendent of Gardens in the Victoria Gardens.*

Proposed by E. B. Carroll, Esq., seconded by Colonel Merewether—

No. 2397. "That, inasmuch as the house of the Superintendent of the Victoria Gardens is reported by the Executive Engineer to be in a dangerous state, and as the cost of repairing the same is estimated at Rs. 8,294, the Corporation be recommended to sanction the expenditure of Rs. 14,203, from surplus cash balance,

* See page 111 of the Proceedings of the Standing Committee, dated 27th May last.

to provide for the cost of building a new bungalow (less the amount at which the materials of the existing bungalow may be sold).

"That until the completion of the new quarters, house-rent at Rs. 100 per mensem be allowed to Mr. Carstensen."

*Amendment* moved by K. M. Shroff, Esq.—

"That the Corporation be recommended to sanction the re-building of the house of the Superintendent of Gardens at a cost not exceeding Rs. 8,000 *plus* the value of the materials of the existing buildings."

*Not seconded.*

On a division the motion was *carried* by 8 votes *against* 1.

Considered resolution of the Corporation, No. 2213, dated 28th ultimo, requesting the Committee to reconsider the petition of Sir Dinshaw Manekji Petit and others regarding the widening of the entrance to a portion of Nanabhoy Lane.

Proposed by Colonel Merewether, seconded by E. B. Carroll, Esq.—

"That the Standing Committee see no reason to alter the terms of their former recommendation, namely, that it is not desirable to entertain the application for the improvement, at the public expense, of Nanabhoy Lane."

No. 2398.

*Amendment* moved by K. M. Shroff, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

"That the Commissioner be requested to ascertain, if the house, in Nanabhoy Lane, can be acquired for street improvement at a cost not exceeding Rs. 5,000."

On a division the amendment was *lost*, the votes being 4 *for* and 5 *against*. The original motion was *carried* by 5 votes against 3.

*Resolved*: "That the consideration of the following be postponed till next week:—Memorandum, No. 4491, dated 27th ultimo, from the Commissioner, reporting on letter, dated 28th April last, from Mr. J. P. Khambata and others, stating that the large piece of low-lying ground situated in rear of the Technical Institute on the north side of applicants' premises, No. 43, DeLisle Road, will prove a nuisance in the monsoon, and asking that provision be made for draining such plot."

No. 2399.

*Resolved* : "That the following be printed and circulated and brought on at next meeting :—Letter
No. 2400. No. 4992, dated 1st instant, from the Commissioner, forwarding Mr. Clerke's report for 1890-91 of the progress of the Tansa Water Works."

*Resolved*: "That the following be forwarded to the Commissioner for favour of remarks and that
No. 2401. the applicant be informed accordingly :—Memorandum from the Municipal Secretary, forwarding petition, dated 27th ultimo, addressed to the Corporation, by Noormahomed Gangji, complaining of the melting and manufacturing of tallow and grease in house No. 164, Tendall Street, which, it is alleged, is in a ruinous and dangerous condition."

*Resolved* : "That the following be *recorded* :—Memoran-
No. 2402. dum No. 4712, dated 29th ultimo, from the Commissioner, submitting report from the Health Officer, showing analyses of Vehar and Tulsi waters at present delivered in the City, as under :—

*Sample of unfiltered Tulsi water obtained from the settling basin, Malabar Hill Reservoir, on the 26th ultimo.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·25 |
| Albuminoid ammonia ... ... | ·08 |

*Sample of unfiltered Tulsi water obtained from the inlet well, Malabar Hill Reservoir, on the 26th ultimo.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·07 |
| Albuminoid ammonia ... ... | ·20 |

*Sample of unfiltered Vehar water obtained from the Bhandarwada Reservoir, on the 26th ultimo.*

| | Parts per million. |
|---|---|
| Free ammonia ... ... ... | ·02 |
| Albuminoid ammonia ... ... | ·17 |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 31st May 1891.

The following return was read and *recorded* :—

Return of fires at Victoria Bandar and Lower Colaba, forwarded with the Commissioner's memorandum No. 4482, dated 27th May 1891.†

* *See* Appendix C. † *See* Appendix E.

*Resolved* : " That, as applied for by the Commissioner in his letter No. 5055, dated 2nd instant, sanction be given to the payment of the establishment for cleaning main sewers from 1st March to 20th April last, at a monthly cost of Rs. 1,149-15-3. The amount to be met out of the budget provision of Rs. 1,158 per mensem.

No. 2404.

" That sanction be also given to the employment of such additional labour beyond the monthly provision of Rs. 1,158, as may be necessary for cleaning the main sewers in the dry weather, during which additional labour can be more effectively employed, and the work carried on more efficiently and continuously than during the rains. The amount to be debited to the budget provision and not to exceed the total thereof."

Read letter No. 5070, dated 2nd instant, to the Secretary, as under :—

SIR,—I have received an application from Mr. Rustomjee Pallonji Sethna to erect a refreshment stall in the Victoria Gardens, and I have given him permission to do so as a temporary measure. I have not yet settled what rent he is to pay, but his stall will be a moveable one, which he will hold on sufferance subject to 24 hours' notice of removal. I will report the rent when decided on.

2. I think a permanent refreshment room would be a decided attraction to the gardens. The best situation for it would be, I think, either a portion of the present site of the Superintendent's house or immediately to the east of the Museum. Mr. Walton has prepared a very suitable design which I herewith submit. It would cost Rs. 2,727, and a monthly rent of Rs. 25 should be charged for it to cover interest and depreciation, over and above whatever sum might be realized by putting the right of selling refreshments up to auction. I am not inclined to recommend that wine, beer or spirits should be allowed to be sold. I shall be glad of an expression of opinion by the Standing Committee and Corporation on this proposal.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Kaikhosro N. Kabraji, Esq., seconded by the Hon'ble Mr. Fazulbhoy Visram—

" That, in the opinion of the Standing Committee, it is desirable that a refreshment room should be established in the Victoria Gardens, and that sanction should be given to the erection of the necessary building at a cost not exceeding Rs. 2,727, and that the building be let to a contractor."

No. 2405.

On a division the motion was *carried* by 8 votes *against* 1.

BOMBAY, 10*th June* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

In the absence, through illness, of the Chairman, Colonel Merewether was voted to the chair.

The minutes of the meeting held on the 3rd instant, were signed.

No. 2587. *Resolved* : " That the following be *recorded* :—Memorandum No. 5296, dated 4th instant, from the Commissioner, reporting, under section 69 (*d*) of the Act, that he has entered into a contract with Messrs. H. Cassum & Co. for the supply of clothing for the Sub-Inspectors, &c., of the Water Works Department at a cost Rs. 2,036-8-0."

No. 2588. The seal of the Corporation was affixed to deed of contract with Messrs. H. Cassum & Co., for the supply of clothing for the Sub-Inspectors, &c., of the Water Works Department. The seal was also affixed (1) to 3 attested duplicate debentures of the Tansa Water Works Loan, Nos. 382, 383 and 385, of Rs. 500 each ; (2) to 10 attested duplicate debentures of Sanitary Works Loan of 1885, Nos. 1735 NN to 1744 NN, of Rs. 500 each ; (3) to 1 consolidated debenture of Drainage Loan of 1878, Nos. 967-68, of Rs. 1,000 ; and (4) to 1 attested duplicate debenture of Drainage Loan of 1878, No. 3019, of Rs. 500.

No. 2589. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 5043, dated 2nd instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner | Where. |
|---|---|
| Mr Mahadu Rumji .. .. | ...No 7 Parel Road Cross Lane." |

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 5747, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 2590.

*Resolved* : "That the consideration of the following be postponed for a month, pending the action of the Collector of Bombay in the matter, and that the applicants be informed that the same is under consideration :—Memorandum from the Commissioner, No. 4491, dated 27th May 1891, reporting on the complaint of Mr. Jehangir P. Khambata and others, as to the probable condition in the rainy weather of the low-lying piece of Government ground in rear of the Technical Institute."

No. 2591.

Considered the following :—

No. 4992 OF 1891-92. BOMBAY, 1*st June* 1891.

TO THE MUNICIPAL SECRETARY.

SIR,—With reference to Standing Committee's Resolution No. 2128 of 27th ultimo, I have the honour to forward Mr. Clerke's annual report, which, however, I request, may be returned as I require it for the General Administration Report.

Tunnel No. 2 referred to by Mr. Clerke is now through, but requires shaping.

I am unable to report with any certainty why the monthly reports which were formerly issued ceased to be submitted. They had fallen into disuse many months before I became Commissioner, and that the circumstance should have remained so long unnoticed would seem to indicate that they were not regarded as important. It is probably not worth while, at this stage, to resume them.—I have, &c., H. A. ACWORTH, Municipal Commissioner for the City of Bombay.

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## REPORT OF THE TANSA WATER WORKS FOR THE YEAR 1890-91.

(1) *Works at Tansa.*—The dam works were practically completed at the end of the year. Owing to the approach of the monsoon, work was suspended in the beginning of June 1890, and it was resumed early in October. The total quantity of masonry which had been executed at the commencement of the year was 7,509,564 c. ft., and at the close of the year it was 11,000,000 c. ft., making the outturn for the year 3,490,436 c. ft. The outturn of work for the month of January was 705,000 c. ft., which is the largest quantity executed in any one month during the progress of the works. The accompanying statement (Appendix A) shows

the progress made on the dam works from the commencement of operations to the end of the year. At the commencement of the year (1st April 1890) the water in the Lake stood at R. L. 354·75, at the beginning of the monsoon it was at R. L. 353·37, and at the end of the monsoon it stood at R. L. 380·36, which gave a depth of 90·36 feet against the water face of the dam in the bed of the river. At the end of the year the water stood at R. L. 378·51 or 1·49 ft. below the sill of lowest outlet sluices. The observations made during the year to determine the loss by evaporation and percolation gave satisfactory results. The total vertical loss on the Lake surface from the 13th December 1889, when the flow of water escaping by the temporary waste weir was stopped, to the beginning of the rains was 3·13 ft. The rainfall of the year was gauged at the dam site, and gave a total of 105·93 inches. The average of the previous five years is 103·33 inches and the average of the six years, including 1890, during which observations have been taken, is 103·76 inches. The flood waters of last monsoon were passed over a portion of the dam, 450 ft. in length, to the south of the river, which will eventually form part of the permanent escape or waste weir. Special arrangements, referred to in last year's report, had to be made for passing off the flood water, and they acted very efficiently. Careful contour surveys of the Lake at R. L. 380 (lowest outlet level) and R. L. 420 (full supply level) were in progress during the latter part of the year. The masonry of the outlet works, including the outlet basin, were practically completed. The erection of the outlet sluice gates was in progress and arrangements were being made for the screens across the outlet basin.

(2) *Duct Works.*—Satisfactory progress was made with the duct works during the year. At the commencement of the year, work to the value of Rs. 32,60,000 had been executed, and at the end of the year the value of work done was Rs. 46,70,000, making the value of the outturn of work executed during the year, Rs. 14,10,000. The length of tunnels driven during the year was 7,230 l. ft., making the total length driven 21,000 l. ft. and leaving the balance remaining to be driven, about 900 l. ft. In tunnel No. 2, the longest tunnel, 1⅓ miles long, only 240 ft. remain to complete the driving and this should be completed by the middle of May. There still remains a good deal of work to be done to this tunnel in the shaping of it or forming it to the proper section and timely arrangements have to be made, so that the work may proceed without interruption during the rains. The masonry conduits aggregating about 23 miles in length have been nearly completed, only a few gaps, making in all less than a mile, remaining to be done. During the last monsoon experiments were made on an extensive scale to determine the qualities of the conduits as regards leakage. A number of places in the conduit, varying in length from a few hundred feet to half a mile, were closed by cross walls and water was brought into them from hill-side streams and after the rains had ceased the daily loss was observed and recorded. The results varied considerably in different places.

On the assumption that the average loss, as derived from the series of experiments made, may be considered as applicable to the whole of the line of finished conduit, the result is equivalent to a loss of about 4 per cent. on the water in its transit through the conduit from Tansa to Ghatkopar. Should the above assumption prove correct, the result may be considered satisfactory.

The laying of the 48" pipes on all the siphon tracks except No. 1 was approaching completion. On siphon No. 1, which is 8 miles from Tansa, the pipes had not yet been delivered, but arrangements were completed for carrying them forward.

The accompanying statement, Appendix B, shows the progress made with the duct works from the commencement of operations to the end of the year.

(3.) *Cast-iron Pipes.*—The whole of the pipes required for the project, with the exception of a small number of special castings required for the Kurla Creek siphon, have been tested and passed at home.

The number of pipes still remaining to be delivered is small; all the pipes could have been delivered before this, had they been required.

The accompanying statement, Appendix C, shows the value of the pipes delivered by the contractors up the end of the year.

(4.) *Land Acquisition.*—All the land for the Lake and for the duct up to the boundary of the Island of Bombay has been acquired. In the case of two properties in the Island of Salsette the terms of compensation have not yet been settled and it is probable that they will have to be referred to the Civil Courts.

(5.) *Health.*—There has been no serious outbreak of any epidemic on any part of the works during the year. As usual there has been a great deal of malarious fever in the whole of the districts where the works are situated.

(6.) *Works from Ghatkopar to Bombay.*—The line was definitely laid out at the beginning of the year and a contract for the embankments on the tidal lands, which it was of importance, should be made before or during the monsoon, was let to Messrs. Bulkley & Co., and the work was completed in the rains.

The contract for the remainder of the work was let in December to Messrs. Sitaram Luximon & Co., and work was commenced in January. Progress on these works has not been altogether satisfactory. The laying of the 48" main along the Supari Bág and Arthur Roads progresses but slowly, as in some places a good deal of rock is met with and the cutting of the trench in this is tedious. The works at the Kurla Creek are backward. The difficulties there are considerable, and the contractors have not yet been able to cope with them in a satisfactory manner.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

# APPENDIX A.

*Statement showing work done on the Tansa Dam to end of March* 1891.

Contractors—Messrs. GLOVER & Co.

| Total quantities executed. | Items. | Rate. | Per | Amount. |
|---|---|---|---|---|
| | | Rs. a. p. | | Rs. a p. |
| 141,452·71 c. ft. | Excavation for foundation in clay ... ... | 1 2 0 | 100 c. ft. | 1,591 5 5 |
| 23,726·25 „ | Do. do. sand ... ... | 1 0 0 | „ | 237 4 2 |
| 1,762,535·09 „ | Do. do. murum ... ... | 2 6 0 | „ | 41,860 3 3 |
| 4,852,714·84 „ | Do. do. bhadar and rock ... | 5 0 0 | „ | 2,42,635 11 10 |
| 191,552·29 „ | Unwatering foundation trench for excavation under water ... ... ... ... ... | 4 10 0 | „ | 8,859 4 8 |
| 10,861,326·52 „ | Rubble masonry in ordinary mortar, including pointing as per specification ... ... ... | 27 2 0 | „ | 29,46,134 13 1 |
| 163,068·91 „ | Rubble masonry in cement mortar, including pointing as per specification ... ... ... | 32 8 6 | „ | 52,538 12 2 |
| 187,428·65 „ | Unwatering foundation trench during the construction of masonry as per Specification ... | 1 10 0 | „ | 3,045 11 5 |
| 2,435·59 „ | Ashlar masonry in ordinary mortar ... ... | 275 0 0 | „ | 6,697 13 11 |
| 962·45 „ | Ashlar arching ... ... ... ... ... | 300 0 0 | „ | 2,887 5 7 |
| 1,228·36 „ | Ashlar quoins ... ... ... ... ... | 300 0 0 | „ | 3,685 10 10 |
| 4,560·00 s. ft. | Cement pointing to water face of the dam in river bed ... | 4 0 0 | 100 s. ft. | 182 6 4 |
| 326,732·67 „ | Do. do. do. above... | 4 6 0 | „ | 14,294 8 10 |
| | | | Rs.... | 33,24,650 15 6 |

| Nature of work. | Contractors. | * Amount of Revised Estimate. | Amount of work done up to end of March 1891. | Balance of Estimate. | Date of Contract. | Date of completion. |
|---|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | | |
| Construction of masonry dam across the Tansa Valley. | Messrs. Glover & Co. | 33,64,000 0 0 | 33,24,650 15 6 | 39,349 0 6 | 25th Feb. 1886.. | 16th June 1892. |

* This includes outlet sluices and gearing screens in outlet basin, &c.

W. CLERKE, C.E.,
Executive Engineer, Tansa Water Works.

## APPENDIX B.

*Statement showing work done on the Tansa Duct Line to end of March* 1890.

Contractors—MESSRS. WALSH, LOVETT, MITCHELL & Co.

| Total quantities executed. | Items. | Rate. | Per | Amount. |
|---|---|---|---|---|
| | *Excavation for Conduit as per Clause 2 of the Specification.* | Rs. a. p. | | Rs. a. p. |
| 10,074,000 c. ft. | Got without blasting ... ... ... ... | 1 4 0 | 100 c. ft. | 1,25,925 0 0 |
| 10,073,900 „ | Got with blasting ... ... ... ... ... | 4 12 0 | „ | 4,78,510 4 0 |
| 3,863,275 „ | Uncoursed rubble masonry in side walls, haunching, &c., of conduits, as per Clause 3 of the Specification ... ... ... ... ... | 27 6 0 | „ | 10,57,571 8 6 |
| 1,245,250 s. ft. | Cement pointing, as per Clause 9 of the Specification | 6 8 0 | 100 s. ft. | 80,941 4 0 |
| 705,550 c. ft. | Concrete in floor of conduit, as per Clause 10 of the Specification ... ... ... ... | 19 12 0 | 100 c. ft. | 1,39,346 2 0 |
| 454,400 s. ft. | Cement plaster $\frac{1}{3}$rd of an inch thick, as per Clause 11 of the Specification ... ... ... | 8 0 0 | 100 s. ft. | 36,352 0 0 |
| 492,850 c. ft. | Arching of conduit, including centering, &c., as per Clause 12 of the Specification ... ... | 40 0 0 | 100 c. ft. | 1,97,140 0 0 |
| 71 No. | Manhole with cover, cover frame, &c., fixed complete, as per Clause 13 of the Specification ... | 80 0 0 | Each. | 5,680 0 0 |
| 13 No. | Clearing sluice with gate, gearing, groove for stop gate, &c., fixed complete, as per Clause 14 of the Specification ... ... ... ... ... | 575 0 0 | „ | 7,475 0 0 |
| | | | Carried over... | 21,28,941 2 6 |

| Total quantities executed. | Items. | Rate. | Per | Amount. |
|---|---|---|---|---|
| | | Rs. a. p. | | Rs. a. p. |
| | | Brought | forward ... | 21,28,941 2 6 |
| | *Excavation for foundation of Aqueducts, as per Clause 15 (a) of the Specification.* | | | |
| 115,150 c. ft. | Got without blasting ... ... ... ... | 1 4 0 | 100 c. ft. | 1,439 6 0 |
| 115,100 „ | Got with blasting ... ... ... ... | 4 12 0 | „ | 5,467 4 0 |
| 535,000 „ | Uncoursed rubble masonry in abutments, piers, wings and spandril, walls of aqueducts, including pointing, as per Clause 15 (*b*) of the Specification ... ... ... ... ... ... | 28 8 0 | „ | 1,52,475 0 0 |
| 29,400 „ | Rough ashlar in quoins, cut-waters, &c., as per Clause 15 (*c*) of the Specification ... ... | 88 0 0 | „ | 25,872 0 0 |
| 61,575 „ | Arching in aqueducts, including ring pens, centering, pointing, &c., as per Clause 15 (*d*) of the Specification ... ... ... ... | 50 0 0 | „ | 30,787 8 0 |
| 6,560 „ | Arching in Nulla level crossings, as per Clause 16 of the Specification ... ... ... ... | 40 0 0 | „ | 2,624 0 0 |
| 20,639 l. ft. | Tunnel cross Section A complete, as per Clause 17 of the Specification ... | 43 3 0 | Lin. foot. | 8,91,346 13 0 |
| 314·7 „ | Do. cross Section C do. do. ... | 67 6 3 | „ | 21,199 15 5 |
| | | | Carried over... | 32,60,153 0 11 |

| Total quantities executed. | Items. | Rate. | Per | Amount. |
|---|---|---|---|---|
| | | Rs. a. p. | | Rs. a. p. |
| | | Brought forward.. | | 32,60,153 0 11 |
| | *Excavation in cuttings on pipe track, as per Clause 18 of the Specification.* | | | |
| 3,272,225 c. ft. | Got without blasting ... ... ... ... | 1 4 0 | 100 c. ft. | 40,902 13 0 |
| 1,077,600 „ | Got with blasting ... ... ... ... ... | 4 12 0 | „ | 51,186 0 0 |
| 8,122,725 „ | Embankment on pipe track, including consolidation, as per Clause 18 of the Specification ... | 0 12 0 | „ | 60,920 7 0 |
| 225,775 s. ft. | Pitching on slopes of embankment, as per Clause 19 of the Specification ... ... ... ... | 8 0 0 | 100 s. ft. | 18,862 0 0 |
| 404 cwt. | Rolled girders on flat top culverts, including tie bars, and fixing complete, as per Clause 20 of the Specification.... ... ... ... ... | 6 0 0 | Cwt. | 2,424 0 0 |
| 19,924 l. yds. | Tramway, including materials and laying complete, as per Clause 21 of the Specification ... | 2 14 0 | lin. yard. | 57,281 8 0 |
| 85,424 l. ft. | Carrying, laying, jointing, &c., complete, 48″ mains, as per Clause 29 of the Specification, average rate for all siphons ... ... ... | 4 12 0 | lin. foot. | 4,05,764 0 0 |
| 4 No. | Carrying, laying and fixing with gearing, tail pieces, &c., complete, 48″ sluice valve ... ... | 150 0 0 | Each. | 600 0 0 |
| 9 „ | Carrying, laying and fixing complete, including the bend, connecting it with the 48″ main, 9″ clearing sluice valve ... ... ... ... | 10 0 0 | „ | 90 0 0 |
| | | | Carried over... | 38,98,189 12 11 |

APPENDIX B—*continued.*

| Total quantities executed. | | Items. | Rate. Rs. | a. | p. | Per | Amount. Rs. | a. | p. |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Brought forward... | 38,98,183 | 12 | 11 |
| 1 | No. | Cast iron sluice-gate to pipe opening in siphon heads, fixed with gearing complete, as per Clause 30 of the Specification ... ... ... ... | 900 | 0 | 0 | Each. | 900 | 0 | 0 |
| ..... | | Providing, erecting, &c., complete, the three bridges on the Bassein Creek, as per Clause 40 of the Specification ... ... ... ... | 4,96,000 | 0 | 0 | Lump sum. | 4,92,442 | 0 | 0 |
| | | Extension of Bassein Creek Bridge No. 3 ... | 33,000 | 0 | 0 | ,, | 32,000 | 0 | 0 |
| 948 | c. ft. | Moulmein teak timber, as per Clause 43 of the Specification ... ... ... ... ... | 3 | 8 | 0 | c. ft. | 3,318 | 0 | 0 |
| 93,825 | ,, | Loose stone pitching for bridge abutments ... | 6 | 8 | 0 | 100 c. ft. | 6,098 | 10 | 0 |
| 568 | No. | Removing and replacing pipes on the Gadowli Banks ... ... ... ... ... ... | 6 | 0 | 0 | Each. | 3,408 | 0 | 0 |
| 166,142 | c. ft. | Embankment with earth brought by trollies from 1,900' distance ... | 1 | 10 | 7 | 100 c. ft. | 2,760 | 6 | 0 |
| 121,008 | ,, | Do. do. 1,800' do. ... | 1 | 9 | 2 | ,, | 1,903 | 5 | 8 |
| 1,655 | ,, | Fine ashlar... ... ... ... ... ... | 2 | 0 | 0 | c. ft. | 3,310 | 0 | 0 |
| 38,340 | ,, | Dry rubble packing ... ... ... ... | 5 | 0 | 0 | 100 c. ft. | 1,917 | 0 | 0 |
| ..... | | Minor works ... ... ... ... ... | ..... | | | ..... | 1,628 | 3 | 8 |
| | | *Enhanced rates as per Supplemental Contract.* | | | | | | | |
| 36,02,950 | c. ft. | Excavation in conduit got with blasting ... ... | 2 | 4 | 0 | 100 c. ft. | 81,066 | 6 | 0 |
| | | | | | | Carried over... | 45,28,935 | 12 | 3 |

APPENDIX B—*continued.*

| Total quantities executed. | Items. | Rate. | Per | Amount. |
|---|---|---|---|---|
| | | Rs. a. p. | | Rs. a. p. |
| | Brought forward ... | ..... | | 45,28,935 12 3 |
| 2,550,266 c. ft. | Uncoursed rubble masonry in side walls, haunching, &c., of conduits, as per Clause 3 of the Specification ... ... ... ... ... | 3 10 0 | 100 c. ft. | 92,447 2 3 |
| 816,037 s. ft. | Cement pointing, as per Clause 9 of the Specification ... ... ... ... ... ... | 2 8 0 | 100 l. ft. | 20,400 14 9 |
| 526,643 c. ft. | Concrete in floor of conduit, as per Clause 10 of the Specification ... ... ... ... ... | 4 4 0 | 100 c. ft. | 22,382 5 2 |
| 416,637 s. ft. | Cement plaster one-third of an inch thick, as per Clause 11 of the Specification ... ... ... | 2 0 0 | 100 s. ft. | 8,332 11 10 |
| | | | Total Rs.... | 46,72,498 14 3 |

| Nature of work. | Contractors. | *Amount of Revised Estimate. | Amount of work done up to end of March 1891. | Balance of Estimate. | Date of Contract. | Date of completion under Supplemental Contract. |
|---|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | | |
| Construction of the Duct from the Tansa Dam to Ghátkopar. | Messrs. Walsh, Lovett, Mitchell & Co. | 51,71,000 0 0 | 46,72,499 0 0 | 4,98,501 0 0 | 15th Sept. 1886 | 1st March 1892. |

* This includes enhanced rates payable on works executed before 1st November 1889, which amounts to Rs. 2,12,282.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

## APPENDIX C.

| Nature of work. | Contractors. | Amount of Revised Estimate. | Amount of supplies paid for up to end of March 1891. | Amount remaining to be spent. | Date of Contract. | * Date for completion. |
|---|---|---|---|---|---|---|
| | | Rs. a. p. | Rs. a. p. | Rs. a. p. | | |
| Supply of pipes, &c. | Messrs. Macfarlane, Strang & Co. | †40,00,000 0 0 | 37,05,172 15 1 | 2,94,827 0 11 | 26th April 1886. | 1st Oct. 1889. |

* This date does not cover the delivery of pipes as per Schedule C (Clause 19 of the Contract). A further period of nine months was allowed for delivery of them. Delivery could have been completed within the time, but as the pipes were not required, the contractors were informed that delivery need not be hurried.

† This includes certain pipes and special castings which have been obtained locally.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

No. 382 OF 1891-92.

BOMBAY, *5th June* 1891.

To THE MUNICIPAL COMMISSIONER.

Sir,—Referring to your endorsement No. 4735, dated 29th ultimo, on an extract from the minutes of the Standing Committee, dated the 27th idem, I have the honor to report for your information that, since the submission of my annual report, which gave in some detail the progress of the works up to the 31st of March last, the further progress noted below has been made up to the 31st ultimo.

2. At the end of March, the balance of tunnelling remaining to be driven was about 900 ft.; since then tunnels Nos. 2, 3, 7 A and 8 have been driven through. The only tunnels, now remaining to be driven through, are Nos. 9 and 10, and the length remaining is about 260 feet.

3. The shaping of the driven tunnels is in progress. The shaping of No. 2 is a work that will take time; and in my opinion it cannot be completed before November.

4. The masonry conduit on the first two subdivisions, that is, to the 25th mile, is practically completed with the exception of the covering in of about 1,000 ft. in length in the 6th mile, where provision has been made for the possible future construction of filter beds; the ordinary arched covering will not be suitable here and a special form of covering will have to be provided, but the absence of this would not prevent the conduit being utilized; on the portion of the conduit between Tanna and Ghatkopar, there are still some gaps unfinished, and it is not probable that they can be completed till after the rains.

5. The laying of the pipes on siphon No. 1, which had not been commenced at the end of March, is approaching completion, and but little work now remains to be done to complete all the siphons.

6. The pipe-laying on the line from Ghatkopar to Bombay progresses fairly, and some progress is now being made with the works for the siphon under the Kurla Creek.

7. I am unable to give a definite reply in regard to the probable date of bringing Tansa water into Bombay, though I may be able to forecast with a close degree of accuracy when each portion of the works shall be completed; still a very uncertain element enters into any forecast of the date on which the works may be available for bringing water to Bombay. It would be too much to hope that on a line of duct of so great a length, and consisting of works of such varied character, there will be no failure when it is first brought into operation. Some of the failures may be of a serious nature and may take some time to repair and rectify. Such a failure would vitiate any forecast which could now be made. My opinion, however, is that in the absence of anything very unforeseen, Tansa water should be available in Bombay in March 1892.—I have, &c.,

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

No. 5502 OF *8th June* 1891.

Forwarded to the Municipal Secretary for submission to the Standing Committee.—H. A. ACWORTH, Commissioner.

*Resolved* : "That the following be forwarded to the Corporation :—Letter No. 4992, dated 1st instant, from the Commissioner, forwarding Mr. Clerke's report for 1890-91 of the progress of the Tansa Water Works, and memorandum No. 5502, dated 8th idem, from the Commissioner, forwarding letter No. 382, dated 5th of the same, from Mr. Clerke, reporting the further progress of the works up to 31st May 1891."

No. 2592.

*Resolved* : "That the following be *recorded* :—Letter No. 5500, dated 8th instant, from the Commissioner, reporting that, on the recommendation of the Police Commissioner, he has sanctioned the purchase of 1,000 plates from the Falkirk Iron Company, London, for the drivers of the licensed victorias in Bombay. Stating that it is necessary, under section 2 of the Public Conveyance Act (Bombay) of 1863, to have a board or plate inscribed with a list of rates of fares affixed to each conveyance. The cost, *viz.*, Rs. 1,450, to be met, in the first instance, from the grant of Rs. 10,000 provided in the Budget of 1891-92, and afterwards, when recovered from the owners of conveyances, credited to the Municipal Fund under Land Conveyance Licenses."

No. 2593.

Proposed by Cowasjee Hormusjee, Esq., seconded by Harkisondas Nurrotumdas, Esq.—

"That, as applied for by the Commissioner in his letter No. 5577, dated 8th instant, sanction be given to the purchase from Messrs. Merrywether & Sons, of London, of a steam fire engine at the following rate :—£580, or about Rs. 8,250. The cost to be debited to the Budget grant of Rs. 9,500 for purchase of engine.

No. 2594.

"That sanction be also given to the purchase of three fire escapes from Messrs. Rose, Bray & Co., of Deptford Green, at a cost of about Rs. 3,844-3-2. The cost to be debited to the grant of Rs. 4,320 for purchase of fire escapes.

"That sanction be also given to the purchase from Messrs. Merrywether & Co., of appliances for the engine, such as breeching delivery, steel sway bars, &c., at a cost of about

Rs. 2,164, to the debit of the grant for Stores and Stationery, same Budget.

"That the Standing Committee, under the terms of section 72 (3) of the Act, dispense with the invitations for fresh tenders for these supplies, which would otherwise be necessary as Messrs. Merrywether & Co. and Messrs. Rose, Bray & Co., respectively, are special manufacturers of the supplies in question."

*Carried.*

Proposed by Mulji B. Barbhaya, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

No. 2595. "That, in reply to her application, dated 6th instant, Mrs. Baker be informed that the grant of Rs. 1,500 made to her in respect of the services of her late husband was a special grant, and that under no circumstances are the widows or children of deceased Municipal officers or servants entitled to pension."

*Amendment*, proposed by E. B. Carroll, Esq., seconded by Colonel Merewether—

"That, in view of the very exceptional merit of Inspector Baker, the Corporation be recommended to sanction the further payment of a compassionate allowance to Mrs. Baker amounting to Rs. 1,125, being the amount calculated on the temporary service of Mr. Baker, extending to a period of 5 years 10 months and 24 days. The amount to be met out of the grant for sundry pensions and gratuities."

On a division there were 3 votes *for* and 6 *against* the amendment which was *lost.*

The original motion was *carried* by 6 votes *for* and 2 *against.*

No. 2596. *Resolved*: "That the further consideration of the following be postponed till next week:—Memorandum No. 4391, dated 26th ultimo, from the Commissioner, reporting on letters from Mr. Sorabjee S. Bengallie, C.I.E., and others in respect of the levy of water and halalkhor taxes on godowns."

No. 2597. *Resolved*: "That the following be forwarded to the Commissioner for disposal:—Letter, dated 4th instant, from the Principal, Bombay Veterinary College, stating that, at the request of Mr. K. M. Shroff, the Secretary of the Society for Prevention of Cruelty to Animals, he (the Principal) has inspected the village of Parel and found

it to be in a most insanitary condition. Suggesting the erection of latrines in this locality, and if a proper drainage scheme cannot be carried out at once, that some system be adopted by which the sewers may be cleaned out daily."

*Resolved* : "That the following be *recorded* :—Memo-
No. 2598. randum No. 5123, dated 3rd instant, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, (1) of Rs. 50,000, from the surplus cash deposit account to the Municipal General Fund pass book, on 27th ultimo ; and (2) of Rs. 50,000, from the Sanitary Works Loan deposit account No. 2 to ditto, on 29th idem."

*Resolved* : "That the following be laid on the table :—
No. 2599. Letter, dated 5th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and disbursements at the end of each week for the month of March last, and compared them with the ledgers and found them correct, and forwarding summary and statement of their scrutiny of the accounts."

*Resolved* : "That, as recommended by the Secretary,
No. 2600. sanction be given to one month's extension of privilege leave being granted to Mr. Ramchandra Makundji, Head Clerk in the Committee's office, from the 11th instant.

"That sanction be also given to the payment of Rs. 15 from savings in section III, fees payable to members of the Standing Committee, to meet the pay of a temporary clerk during the absence of the Head Clerk."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 7th June 1891.

The following return was read and *recorded* :—

Return of fires at Grant Road Bridge and Mody Bunder, forwarded with the Commissioner's memorandum No. 5130, dated 3rd June 1891.†

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* *See* Appendix C. † *See* Appendix E.

Considered letter No. 5578, dated 8th instant, to the Secretary, as under:—

SIR,—The impending arrival of water from the Tansa lake in Bombay will render it necessary very shortly to consider a scheme for extending to several quarters of the City, which are at present inadequately supplied with the means of water distribution, a system of large mains, without which they will be unable to obtain the full benefits which the augmentation in the volume of water ought to secure for them. Proposals will, in due course, be laid before the Standing Committee and the Corporation. But I deem it necessary at once to draw attention to the specially urgent needs of the Fort and Colaba both, because theirs is the most pressing case and because we have the means of meeting it at a comparatively moderate cost. There is at present in existence for the supply of the Fort and Colaba, a single 18" main along the Esplanade Road, and this is a continuation of the same main which supplies Girgaum, Thakurdwar, and Dhobi Talao. It divides at the Frere Fountain into two mains of the same size, *viz.* 18," one of which goes up Church Gate Street and one along Esplanade Road to Colaba. Though special favour is shown to the Fort under the existing system, it is impossible to supply it with water at proper pressure, while parts of Colaba are at times even without any water at all. Mr. Tomlinson informs me that the supply can never be satisfactory with the limited carrying power which exists at present, and is of opinion that a separate main direct from Malabar Hill to the Fort is required. For this purpose he wishes to utilize the 27" and 24" pipes which were obtained when it was proposed to lay a separate main for the discharge of Tansa Water into the Bhandarwada Reservoir. This, it is not intended, should be done, and I agree with Mr. Tomlinson that the pipes in question could not be used better than for the direct connection to the Fort. They will not fully suffice, but they will enable this important work to be carried out at a much cheaper rate than would otherwise have been the case. I append an estimate amounting to Rs. 63,360, which it will still be necessary to expend. The amount will ultimately be debitable to a loan which will need to be raised for laying large distribution mains, but in the meantime it may be sanctioned as an advance from surplus cash balance. If sanction is accorded by the end of July, it will be possible to have the main laid and ready for use by 1st March next.—I have, &c., H. A. ACWORTH, Commissioner.

*Abstract of Estimate framed by the Executive Engineer, Municipality, of the probable cost of laying a 24" water main from Chaopatti along Queen's Road to the Flora Fountain in the Fort.*

| Quantity. | Description of Work. | Rate. | | Amount. | TOTAL. |
|---|---|---|---|---|---|
| | | per | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1,000 | 24" and 27" pipes supplied by Tansa Department ... | ... | ... | ..... | Free. |
| 13,000 l. ft. | Laying 24" pipes, including excavating trenches, refilling same, road repairs, complete ... ... | L. ft. | 2 0 0 | ..... | 26,000 0 0 |
| 180 tons. | 24" Straight pipes ... ... ... ... ... | Ton. | 105 0 0 | ..... | 18,900 0 0 |
| 30 „ | Special castings ... ... ... ... ... | „ | 140 0 0 | ..... | 4,200 0 0 |
| 1 No. | Culvert in masonry under B. B. and C. I. Railway at Queen's Road, including covering with flowing plates ... ... ... ... ... ... | Each. | ... | ..... | 5,000 0 0 |
| 6 Nos. | 24" Sluice valves ... ... ... ... ... | „ | 500 0 0 | ..... | 3,000 0 0 |
| ....., | Miscellaneous fittings, fire hydrants, posts, &c. ... | Lot. | ... | ..... | 500 0 0 |
| | | | | | 57,600 0 0 |
| | *Add*—10 per cent. for establishment and contingencies. | ... | ... | ..... | 5,760 0 0 |
| | Total...Rs. | ... | ... | ..... | 63,360 0 0 |

RIENZI WALTON,
Executive Engineer.

*Resolved* : "That the consideration of letter No. 5578, dated 8th instant, from the Commissioner, be postponed till next week."

*Resolved*: "That, as applied for by the Commissioner in his letter No. 5758, dated this day, sanction be given, under section 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Merwanji Edulji Madon for the recovery of the balance, Rs. 600,of surety money (Rs. 2,000), due by him, with interest 6 per cent. on Rs. 1,100 from 23rd September 1890 to 12th April 1891 and from 13th April 1891 on Rs. 600, on behalf of the late Ward Clerk Jamsetji Muncherji Hakim."

No. 2603.

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BOMBAY, 17*th June* 1891.

AT the meeting of the Standing Committee held this day, there were present :

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.G.M.C.; THE HON'BLE MR. FAZULBHOY VISBAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G.L.C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

In the absence, through illness, of the Chairman, Colonel Merewether was voted to the chair.

The minutes of the meeting held on the 10th instant, were signed.

The seal of the Corporation was affixed to deed of contract (1) with Messrs. Walsh, Lovett & Co., for the supply of 50 $\frac{3}{4}$" Tylor's new rotary brass water meters for the Water Works Department at Rs. 27-12-0 each ; (2) with Messrs. Richardson and Cruddas, for the supply of cast-iron drainage pipes, &c., for the Agripada District as per schedule rates ; (3) to deed of agreement (in duplicate) between Allibhai Rahimtoolla Rungwalla and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at No. 94-96, Parel Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the rate of Rs. 25 per square yard, for any land to

No. 2949.

be there taken up from him, and one half the value of the building and structures to be removed, inclusive of any loss, damage or expense sustained by him by reason of such acquisition; and (4) to counterpart of lease between the Secretary of State for India in Council and the Corporation, of 9,559⅓ square yards of ground situated at Khurshedji Suklaji Street, Kamathipura, with buildings standing thereon.

No. 2950. *Resolved*: "That, as applied for by the Commissioner in his memoranda Nos. 5815, 5816 and 6034, dated 11th and 12th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | Where. |
|---|---|
| Mr. Narayen Vithul Patel ... ... | No. 431, Sivri Coliwada. |
| „ Nandan Beniram... ... ... | No. 428A do. |
| Shaik Goolam Hoosein ... ... | No. 25, Mustan Tank Road. |

No. 2951. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 6322, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 2952. *Resolved*: "That, as applied for by the Commissioner in his letter No. 5835, dated 11th instant, sanction be given, under section 92 (*b*) of the Municipal Act, to the renting, during the current year, for Rs. 1,000, to Messrs. Sugaji Ramji and Tukaram Daji, of a portion of the reclamation ground at Coorla, measuring 150 feet wide or thereabout, which was reserved as site for the Tansa main."

No. 2953. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 5824, dated 11th instant, the Standing Committee approve of an order in writing being issued, under section 230 of the Act, to Mr. Krishnaji Sakharam, authorising him to carry a drain for his premises, Nowroji Hill Cross Road, into, through or under the land owned by Mr. Jalbhai Ardeshir Sket, to the Municipal sewer thereat."

No. 2954. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 5734, dated 10th instant, the Standing Committee approve of an order

in writing being issued, under section 230 of the Act, to Messrs. Narayen and Dayal Sunderji, authorising them to carry a drain for their premises situated at No. 195, Cavel Street, into, through or under the land belonging, or alleged to belong, to Mr. Vithoba Raghoba, to the Municipal sewer thereat."

Proposed by Cowasjee Hormusjee, Esq., seconded by Hurkisondas Nurottamdas, Esq.—

No. 2955. "That the subject of the letters received from Mr. Sorabjee S. Bengalli, C.I.E., and others in respect of the levy of water and halalkhor taxes on godowns, &c., be deferred until the High Court has decided the point of law now under reference to it, with regard to the interpretation of sections 142 (3) and 248 (2) of the Act."

*Carried.*

Considered memorandum No. 5737, dated 10th instant, from the Commissioner, forwarding letter No. 842, dated 8th idem, from Acting Chief Accountant, as under :—

SIR,—I have the honour to forward, for transmision to the Standing Committee, a quarterly return for the quarter ending 31st March 1891, as compared with the corresponding quarter for the previous year, exclusive of adjustments, as required by the then Town Council's resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter. The exact amount of the surplus cash balance can only be stated after the accounts of the past year are finally closed.—I have, &c., MANECKSHAH CAWASHAH, Acting Chief Accountant.

## ACCOUNT OF THE BOMBAY MUNICIPALITY

as contrasted with that for the Quarter

| | Budget Estimate. | Quarter ending 31st March 1890. | Quarter ending 31st March 1891. |
|---|---|---|---|
| **RECEIPTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Opening Balance...* ... | 5,00,000 0 0 | 45,098 1 6 | 47,075 5 9 |
| General Tax ... ... ... | 17,26,600 0 0 | 3,24,622 7 11 | 3,27,563 3 6 |
| Water Works Revenue (including Water Tax) ... | 10,81,100 0 0 | 3,51,012 12 4 | 3,29,835 5 0 |
| Wheel Tax and Tolls ... | 3,25,700 0 0 | 57,107 9 10 | 1,61,793 2 6 |
| Halalkhor Tax ... ... | 5,11,600 0 0 | 1,31,649 5 8 | 1,36,673 6 1 |
| Duties, Town... ... ... | 8,07,000 0 0 | 2,49,635 6 8 | 3,66,574 5 9 |
| Licenses ... ... ... | 59,250 0 0 | 844 2 0 | 20,542 12 0 |
| Receipts from Govt. for Liquor Licenses. | 1,43,750 0 0 | ..... | ..... |
| „ Tobacco Duty... | 1,65,300 0 0 | 64,675 5 7 | 58,928 15 9 |
| Market Receipts ... .... | 3,38,000 0 0 | 77,098 5 4 | 95,436 5 8 |
| Miscellaneous Fees ... ... | 45,700 0 0 | 18,515 11 2 | 9,602 9 7 |
| „ Fines and Penalties... | 8,000 0 0 | 1,754 14 1 | 2,006 10 7 |
| „ Receipts ... | 78,600 0 0 | 15,623 10 3 | 42,636 11 9 |
| „ Savings ... | 4,000 0 0 | 2,451 9 8 | 3,709 14 5 |
| Public Gardens ... ... | 7,000 0 0 | 1,082 1 0 | 3,293 7 1 |
| Contribution from Municipal servants towards Pension, &c., Fund ... ... | 13,500 0 0 | 3,295 9 0 | 3,652 9 8 |
| Tramway Rent ... ... | 36,200 0 0 | ..... | ..... |
| Workshops Recoveries ... | 1,40,000 0 0 | 27,218 7 2 | 78,308 0 11 |
| Interest on Investments ... | 56,000 0 0 | 1,07,229 4 4 | 72,040 15 4 |
| | 55,47,300 0 0 | 14,33,816 10 0 | 17,12,598 7 7 |
| Debt ... ... ... ... | ..... | 2,11,000 0 0 | 47,000 0 0 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 12,67,055 11 2 | 14,03,766 7 7 |
| Advances ... ... ... | ..... | 2,83,831 2 8 | 4,35,085 9 11 |
| Deposits ... ... ... | ..... | 2,04,403 4 7 | 2,36,854 7 6 |
| Rupees ... | 55,47,300 0 0 | 34,00,106 12 5 | 38,34,305 0 7 |
| Total Rupees... | 60,47,300 0 0 | 34,45,204 13 11 | 38,81,380 6 4 |

## FOR THE QUARTER ENDING 31ST MARCH 1891, ending 31ST MARCH 1890.

| | Budget Estimate. | Quarter ending 31st March 1890. | Quarter ending 31st March 1891. |
|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,82,169 0 0 | 49,178 5 10 | 48,176 12 5 |
| Assessment and Collection Department ... ... | 2,17,166 0 0 | 59,686 3 4 | 71,444 9 4 |
| Fire Brigade... ... ... | 1,50,000 0 0 | 33,117 5 0 | 29,059 15 7 |
| Public Gardens ... ... | 58,861 0 0 | 20,836 1 8 | 29,673 15 2 |
| Public Works. General Supervision Estt. (including Workshops) ... ... ... | 1,80,916 0 0 | 89,912 2 2 | 94,262 0 8 |
| Drainage ... ... | 1,78,098 0 0 | 43,719 12 11 | 91,862 0 1 |
| Water Works ... ... | 1,83,163 0 0 | †9,76,080 4 6 | ‡3,75,838 12 2 |
| Streets and Buildings Inspection and Supervision Estt. ... ... | 84,343 0 0 | 4,236 14 6 | 22,347 10 8 |
| Public Lighting ... | 3,40,308 0 0 | 79,779 9 11 | 79,257 15 4 |
| Road Watering... ... | 1,00,670 0 0 | 34,384 11 0 | 37,183 9 2 |
| Road Repairs and Maintenance ... ... | 4,84,928 0 0 | 1,36,046 1 5 | 1,55,141 5 11 |
| Street Improvements ... | 1,00,000 0 0 | 20,571 15 8 | 37,082 6 4 |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 35,000 0 0 | 460 0 0 | ..... |
| Health Department... ... | 13,73,268 0 0 | 3,56,533 1 4 | 2,96,702 5 2 |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 1,07,408 0 0 | 1,74,882 1 8 | 37,086 2 4 |
| Police Charges ... ... | 2,58,289 0 0 | 64,571 5 9 | 64,571 5 9 |
| Education (including Veterinary College, &c.) ... | 63,754 0 0 | 12,282 0 3 | 15,806 14 4 |
| New Works and Reserve Funds ... ... ... | 2,20,000 0 0 | 44,046 14 11 | 1,02,814 15 3 |
| Debt ... ... ... ... | 16,21,853 0 0 | 4,00,475 14 2 | 4,57,796 2 8 |
| | 59,40,194 0 0 | 6,48,640 5 0 | 20,46,108 14 4 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 16,18,676 7 0 | 8,47,647 5 0 |
| Loan Works Accounts ... | ..... | 98,560 7 0 | 1,47,603 15 2 |
| Advances ... ... ... | ..... | 6,65,090 6 3 | 3,57,251 3 1 |
| Deposits ... ... ... | ..... | 1,04,962 5 0 | 1,52,611 5 2 |
| Rupees... | 59,40,194 0 0 | 31,35,929 14 3 | 35,51,222 10 9 |
| Closing Balance 1890 ... | ..... | 3,09,274 15 8 | 3,30,157 11 7 |
| Estimated Balance on 31st March 1891... | 1,07,106 0 0 | ..... | ..... |
| Total Rupees... | 60,47,300 0 0 | 34,45,204 13 11 | 38,81,380 6 4 |

* Credits deducted.

† Includes Rs. 27,03,391-1-4 withdrawn from Bank Loan Deposits against the actual expenditure of Rs. 16,90,946-8 7.

‡ Includes a net sum of Rs. 3,21,596-0-2 paid to date on account of Tansa, Tulsi, Bhundarwada, Vehar and other Water Works and Investment of Surplus Tansa Loan and Interest Funds.

*Additional Grants sanctioned by the Corporation during the quarter ending 31st March 1891.*

| No. | Date and Month. | | Amount. |
|---|---|---|---|
| | 1891. | | Rs. a. p. |
| 11726 | 12th Feb. | ... Grant for the payment of £167-6-4 from Surplus Cash Balance, to Mr. Baldwin Latham, being £30-9-0 or Rs. 440 as balance due to him on account of travelling expenses on special duty in Bombay, and £136-17-4 being charges incurred by him in connection with the printing, &c., of his report on the Sanitation of Bombay, the total amount to be paid to Mr. Latham at the ruling rate of exchange. | 2,370 13 4 |
| 11727 | " | ... Grant for the payment of Rs. 1,000 from Surplus Cash Balance, to meet the cost of printing the report by the Committee in connection with the enquiry into the frauds by Jamshedji Muncherji Hakim and the evidence taken by the Committee ... ... ... ... ... | 1,000 0 0 |
| 12293 | 23rd Feb. | ... Grant of Rs. 1,205, from Surplus Cash Balance, to meet the cost of two hand-carts for the conveyance of dead bodies at Rs. 340 each, and seven screens at Rs. 75 each, to cover corpses that may have to be kept in the public thoroughfares, awaiting inquests thereon. ... ... ... ... ... ... | 1,205 0 0 |
| 13108 | 5th March | ... Grant of Rs. 21,637-2-5 from Surplus Cash Balance, to meet the estimated extra cost of labour and materials up to the end of the current financial year for the Workshops the excess being due to the following works (not included in the Workshops Budget estimates for the current year)— | |
| | | Illumination works ... ...Rs. 1,200 0 0 | |
| | | Constructing 240 dust-bin carts " 2,996 0 0 | |
| | | Repairs to Love Grove Pumping Station ... ... ... " 4,327 0 0 | |
| | | Total Rs. 8,523 0 0 | |
| | | The whole of the advance to be adjusted against the respective grants for the works on which it will be expended without any extra expenses to the Municipality ... ... | 21,637 2 5 |
| 13288 | 16th March | ... Grant of Rs. 6,166-10-8 from Surplus Cash Balance for the purchase of 8,000 running feet 9" stoneware pipes from Messrs. Richardson & Cruddas at Re. 0-12-4 per running foot in continuation of their contract for the supply of stoneware pipes junctions for the sewerage of the Queen's Road and Girgaum Districts... | 6,166 10 8 |
| 18483 | 19th March | ... Grant of Rs. 5,000 from Surplus Cash Balance to meet the cost of building a temporary Chawl of 150 rooms on the Municipal ground situated at Kharshedji Suklaji Street for the housing of halalcores until the new Chawl for which the Corporation have sanctioned a grant of Rs. 86,000 is constructed. The cost of the temporary Chawl to be subsequently adjusted as far as possible by the sale of old materials and saving, if any, in the grant of Rs. 86,000,... ... ... ... ... ... | 5,000 0 0 |
| 18484 | " | ... Grant of Rs. 4,740 from Surplus Cash Balance to meet the estimated cost of the construction of a stormwater drain through the Port Trust property leading from the Tramway Co.'s Stables at Colaba to Apollo Basin ... | 4,740 0 0 |
| | | Total Rs.... | 42,119 10 5 |

*Resolved* : "That the following be *recorded* :—Memo-
No. 2956. randum No. 5737, dated 10th instant, from the Commissioner, submitting a quarterly return of receipts and disbursements for the quarter ending 31st March 1891, as compared with the corresponding quarter of the previous year, exclusive of adjustments as required by the late Town Council's resolution No. 465, dated 1st June 1887, together with a list of additional grants sanctioned by the Corporation during the quarter, prepared by the Acting Chief Accountant, who states that the exact amount of the surplus cash balance can only be given after the accounts of the past year are finally closed."

Proposed by Mulji B. Bharbhaya, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, under the circumstances set forth by the Com-
No. 2957. missioner in his letter No. 5578, dated 8th instant, and with the view of improving the water-supply to the Fort and Colaba, as soon as the Tansa water is delivered in Bombay, the Corporation be recommended to sanction the payment of an advance of Rs. 63,360 from available cash balances to meet the cost of laying 27″ and 24″ main from Malabar Hill Reservoir to the Frere Fountain, Fort, direct. That such amount be hereafter adjusted against the loan which will have to be raised for meeting the cost of extending large mains to various parts of the city.

"That the Corporation be also recommended to sanction the transfer of 1,000, or thereabout, 27″ and 24″ mains (originally intended to convey the Tansa water to Bhandarwada Reservoir) from the Tansa stock to the general stock, Water Works, for laying as above between Malabar Hill Reservoir and the Fort, *via* Queen's Road."*

*Carried.*

*Resolved* : "That the report of the Health Officer for
No. 2958. the 1st quarter of 1891, be forwarded to the Corporation."

Considered letter No. 6177, dated 15th instant, to the Secretary, as under :—

SIR,—Referring to the grant of Rs. 761 in the current year's Budget (detailed statement No. 14, item No. 18) for converting the chunam shed at Bapty Road Chowki into a new one, I

* *See* Proceedings of the Standing Committee, dated 10th instant.

have the honour to state that this provision was intended to be made for the Inspector of Drains. But as the Executive Engineer has since reported that it will be more convenient to provide accommodation for this Inspector in the existing chowki of the Inspector of A B and C Wards opposite Albless Baug, on consideration of the matter, I concur with him and, therefore, request the favour of the sanction of the Standing Committee and Corporation to the carrying out of the necessary additions and alterations to this chowki in lieu of the above sanctioned work, at a cost of Rs. 660 to be met from the above grant. This arrangement will result in a saving of Rs. 101 in the cost.—I have, &c., H. A. ACWORTH.

No. 2959. *Resolved:* "That, as applied for by the Commissioner in his letter No. 6177, dated 15th instant, the Corporation be recommended to sanction the payment of Rs. 660 to meet the cost of certain additions and alterations to the Inspector's chowki of A, B and C Wards, situated opposite Albless Baug in order to provide office accommodation for an Inspector of Drains. The amount to be met out of the grant of Rs. 761 provided in the current year's budget for converting the chunam shed at Bapty Road into a new chowki."

No. 2960. *Resolved*: "That, as applied for by the Secretary, the Corporation be recommended to sanction the payment of Rs. 450 from surplus cash balance to meet the cost of printing (1) the report of the Committee appointed to inquire into the history of the Love Grove pumping engines, and (2) the report of the Committee regarding Building By-laws."

No 2961. *Resolved* : "That the following be *recorded* :—Memorandum No. 5599, dated 9th instant, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4184, dated 3rd October 1888, the transfer of Rs. 50,000, from the surplus cash deposit account, to the Municipal General Fund pass book, during the past week."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes for the week ending 14th June 1891.

The following return was read and *recorded* :—

Return of fires at Mazagon and Modi Bunder, forwarded with the Commissioner's memorandum No. 5740, dated 10th June 1891.†

* *See* Appendix C. † *See* Appendix E.

The Commissioner said that there had been a recurrence of fires among coal stacks on the Port Trust property, and that, as an immense quantity of water from the Municipal mains had to be consumed in putting out such fires, he had warned the owners that, unless means are taken for ventilating the stacks in order to prevent spontaneous combustion, he would refuse licenses for the stacks after the current year.

*Resolved* : "That letter No. 6168, dated 15th instant, from the Commissioner regarding the Love Grove pumping engines be printed and circulated and brought on for consideration next week." No. 2963.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 6344, dated this day, sanction be given to the renewal of the agreement with the Bombay Telephone Company for a period of one year from 1st April 1891, for the working of the Municipal exchange and for keeping the connections, telephone wires, apparatus, instruments, fittings, &c., in Bombay, in good repair and efficient working order for the sum of Rs. 8,400. No. 2964.

"That, under section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders, as the Bombay Telephone Company is the only Company of the kind in Bombay."

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BOMBAY, 24*th June* 1891.

AT the meeting of the Standing Committee, held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Cowasjee Hormusjee, Esq., E. B. Carroll, Esq., was voted to the chair.

The minutes of the Meeting held on the 17th instant, were signed.

The seal of the Corporation was affixed to (1) deed of contract with Messrs. Framji & Jivanji for the construction of Halalkhors' chawls at Khursedji Suklaji Street; and (2) to deed of agreement (in duplicate) between Mr. Abdool Hussein Heptoola and the Corporation, No. 3136.

securing to the Corporation the right to acquire at any future time, the set-back of property situated at No. 390-400, Dongri Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the rate of Rs. 45 per square yard, for any land to be there taken up from the said Abdool Hussein Heptoola, inclusive of any loss, damage or expense sustained by him by reason of such acquisition.

No. 3137. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 6691, dated 20th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Haji Absatar Haji Oomer... | No. 50, Chinch Bunder 1st Row." |

No. 3138. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 6279, dated 17th instant, the Corporation be recommended to sanction the levy of the following charges for the hire of steam rollers when lent for any outside work :—

8 ton Roller, Rs. 15 per day ; 10 ton Roller, Rs. 15 per day ; 12½ ton Roller, Rs. 18 per day; 15 ton Roller, Rs. 20 per day ; 20 ton Roller, Rs. 30 per day.

The minimum charge for the loan of a steam roller to be Rs. 15."

No. 3139. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 6426, dated 18th instant, sanction be given, under Section 172 of the Municipal Act, to the charging of Halalkhor tax at the special rate of Rs. 17-4-0 per mensem in respect of E Ward, Nos. 7145, 7146 (1 to 4), 7147 (1) and 7148-49, DeLisle Road, owned by Mr. Esmail Khalikdina."

No. 3140. *Resolved* : " That, with reference to his letter, dated 16th instant, forwarding a bill for Rs. 100 for printing a programme and report prepared by the late Mr. Steel, Principal, Veterinary College, of the Horse and Cattle Show held in the Victoria Gardens in March 1890, the Proprietor of the *Advocate of India* Printing Press be informed that as no authority is shewn for the charge being one against the Municipal Fund, the Standing Committee are not in a position to recommend the Corporation to sanction the payment of the amount in question."

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 6384, dated 18th instant, sanction be given to the employment of two tracing clerks on a salary of Rs. 30 each and one on Rs. 20 per mensem for the survey work of the storm-water drainage. The amount to be met out of the provision of Rs. 80 for the employment of a surveyor for the same work."

No. 3141.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 6806, dated 22nd instant, sanction be given to the payment of Rs. 60, being the amount of acting allowance payable to Mr. Framji Maneckji, who has been appointed to act for the Loans Audit Clerk, granted three months' privilege leave from the 11th instant. The amount to be met out of savings in the pay of the Assistant Audit Clerk, Tansa Water Works, for the current year."

No. 3142.

Read letter No. 6473, dated 18th instant, to the Secretary, as under :—

SIR,—I have the honour to report, for the information of the Standing Committee and Corporation, that the condition of the Wadia Fountain and Victoria Gardens clocks is such as to render it advisable, without further delay, to spend a considerable sum in repairs.

The cables, supporting the weights in both clocks, need renewal and the dial plates of both also require attention. They have been examined and reported on, both by Mr. Rowe, the Superintendent of Municipal Workshops, and Mr. Sorabji Jamsetji, who holds the contract for cleaning Municipal clocks. The latter estimates the cost of such repairs as are necessary at Rs. 1,590. The dial plates on one side of the Victoria Garden clock are broken and the proposal is to replace the dial plates on all sides with white flashed opal glasses, as the paint is said to wear off ordinary ground glass in a short space of time. At the Wadia clock the plates are intact, and it is proposed only to paint them and to gild the hands as is also intended at the Victoria Garden clock. If the proposal is approved, I request the sum named may be sanctioned from surplus cash balance. I have been obliged to order the Victoria Garden clock to be stopped, as the cables are unsafe and the fall of the weights would be dangerous.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 6473, dated 18th instant, the Corporation be recommended to sanction the

No. 3143.

payment of Rs. 1,590, from surplus cash balance, to meet the cost of repairing the clocks at the Wadia fountain and the Victoria Gardens."

*Resolved*: "That, as applied for by the Commissioner in his letter, No. 6959, dated this day, sanction be given to the cutting off of water connections, as per list submitted therewith."

No. 3144.

Considered letter No. 6808, dated 22nd instant, to the Secretary, as under :—

SIR,—With reference to the resolution of the Corporation, No. 349, dated 9th April last, I have the honour to state that the provision of Rs. 12,000 estimated by the Provincial Superintendent of Census Operations, has been found to be insufficient to meet the cost of the work, and that it has been found necessary, in consultation with him and the Health Officer, to increase the estimate from Rs. 12,000 to Rs. 20,000.

After examining the work of the whole Census office, the Provincial Superintendent has admitted that Rs. 12,000 would be required for the completion of the abstraction work, and Rs. 6,000 are estimated for the work of tabulation and Rs. 2,000 for testing work, stationery, furniture and other contingencies. Thus it will be seen that provision of Rs. 8,000 will have to be made, and I, therefore, request the Standing Committee to recommend the Corporation to sanction the payment of Rs. 4,000 from surplus cash balance as their moiety.

The Provincial Superintendent has been requested to obtain the sanction of Government to the payment of the other half as their share of the cost of Census.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 6808, dated 22nd instant, the Corporation be recommended to sanction the payment of Rs. 4,000 from surplus cash balance, being half the amount of the increased cost of Rs. 8,000, for completing the census abstract, tabulation work, &c."

No. 3145.

Considered letter No. 6871, dated 23rd instant, to the Secretary, as under :—

SIR,—With reference to the resolution of the Corporation, No. 1761, dated 11th ultimo, I have the honour to report that, as Mr. James expressed a desire, instead of entering into an agreement for three years, to join the Municipal service in the ordinary way, he has been allowed to do so from the 7th April last. Mr. James is in all respects eligible under the rules for admission to the Municipal pension, and therefore I request the sanction of the Standing Committee to his pension contribution being received from the date of his joining the Municipal service, viz., 7th April last.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Hurkissondas Nurrotumdas, Esq.—

No. 3146. "That the Corporation be recommended to cancel their resolution No. 1761, dated 11th May 1891, and that subject to such cancelling, Mr. Charles Carkeet James, Assistant Executive Engineer, be allowed to contribute to the Municipal pension fund from the date of his joining the service."

*Carried.*

No. 3147. *Resolved*: "That, as applied for by the Commissioner in his letter No. 6807, dated 22nd instant, sanction be given, under section 305 of the Municipal Act, to written notices being issued, requiring the several owners of premises fronting, adjoining or abutting Gaiwadi Lane, to level and metal the same, to the satisfaction of the Commissioner."

Read minutes of the Sub-Committee appointed to report on the claims aggregating Rs. 4,39,874, put forward by Messrs. Glover & Co., Contractors for the Tansa Dam Works, in their letter to the Commissioner, dated 5th May last.* The Committee now passed resolution No. 3148 (for which *see* file of confidential papers).

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

No. 3149. "That the consideration of the Commissioner's letter No. 6168, dated 15th instant, on the subject of renewing the pumping engines at Love Grove Station, be postponed for a fortnight, until after the report of the Committee appointed by the Corporation on the subject of the past history of the pumping station is presented to the Corporation."

*Carried.*

No. 3150. *Resolved*: "That the following be *recorded*:—Memorandum No. 6179, dated 15th instant, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the surplus cash deposit account, to the Municipal General Fund pass book, on 29th ultimo."

No. 3151. *Resolved*: "That the following be laid on the table:—Letter, dated 22nd instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina,

* These minutes are filed in the file of confidential papers kept by the Secretary, marked No. 280 of 1885-86-91.

stating that they have audited the weekly statement of receipts and expenditure at the end of each week for the month of May last and compared them with the ledgers and found them correct. Forwarding summary and statement of their scrutiny of accounts."

No. 3152. *Resolved*: "That the following be forwarded to the Commissioner for disposal and that the applicant be informed accordingly:—Letter, dated 20th instant, from the Proprietor, Taylor's Hotel, complaining of the charge for halalkhor service to the hotel premises."

No. 3153. *Resolved*: "That the following be forwarded to the Commissioner and that the applicant be informed accordingly:—Letter, dated 19th instant, from Mr. Khunderao Morojee on behalf of his client, Mr. Dinanath Harichandra, of 316, New Line Street, objecting to the drainage of a neighbour's premises through land belonging to Mr. Dinanath Harichandra."

The following statement* was laid on the table:—

Statement of the height of water in the Vehar and Tulsi Lakes and the Pawai Reservoir for the week ending 21st June 1891.

The following return was read and *recorded*:—

Return of fires at Modi Bandar, forwarded with the Commissioner's memorandum No. 6299, dated 17th June 1891.†

No. 3155. *Resolved*: "That the following be *recorded*:—Letter No. 6911, dated 23rd instant, from the Commissioner, reporting that he has entrusted the work of providing 6 screens for the outlet well and entrance to conduit at the Tansa Dam outlet works, to Messrs. Richardson & Cruddas, at a cost of Rs. 810, to be met out of the Tansa works allotment."

Read letter No. 6938, dated this day, to the Secretary, as under:—

SIR,—With reference to Corporation resolution No. 9236 of 15th December 1890 and Standing Committee's resolution No. 9279 of 17th idem, I have the honour to report as follows:—

It has been impossible to dispose of the question earlier, as numerous points of difficulty unconnected with the financial side of it have arisen.

2. The acquisition of the ground referred to, including the buildings thereupon, the preparation and demarcation of it and the

* *See* Appendix C. † *See* Appendix E.

cost of a road from the east end of Victoria Road to the north-east corner thereof, will cost, approximately, 4½ lakhs.

| | Rs. |
|---|---|
| 64,036 square yards, at Rs. 5 a yard ... ... | 3,20,180 |
| Buildings ... ... ... ... ... ... | 23,000 |
| 15 per cent. on value of land and buildings ... | 51,477 |
| Road ... ... ... ... ... ... ... | 26,000 |
| Reparation, demarcation, &c. ... ... ... | 20,000 |
| Total ... | 4,40,657 |
| or say, Rs. 4½ lakhs. | |

3. A loan for miscellaneous works, including the laying of large water mains and the purchase of new pumping engines at Love Grove, will, in all probability, require to be raised in 1892-93. I suggest incorporating the amount specified above in this loan, and acquiring the ground in anticipation of sanction to the loan.

The provision of fit and convenient places for the disposal of the dead is an obligation imposed on the Municipality by law, and sanction to a loan to carry out the requirements of the law cannot therefore be refused. The question is urgent for more reasons than one, and settlement, that is, the acquisition of this or other land, cannot be deferred till the date of the raising of the proposed loan. It is not an adequate statement of the case to say that no ground equally fit for the purpose can be found east of Mount and Mazagon Roads. No ground whatever that is suitable for a burial ground can be found in that quarter of the City except the Unjir Bag.—I have, &c., H. A. ACWORTH, Commissioner.

No. 3156. *Resolved* : "That the consideration of the Commissioner's letter No. 6938, dated this day, be postponed till next week."

No. 3157. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 6964, dated this day, the Corporation be recommended to sanction the excess of Rs. 75, on the grant for the construction of cushions for inlets of filters at the Malabar Hill Reservoir being met from the sale proceeds (Rs. 75) of the 3-ton old cast iron trough removed from the works and proposed to be taken into the water works stock at the rate of Rs. 25 per ton."

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BOMBAY, 1*st July* 1891.

AT the meeting of the Standing Committee, held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C. S., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

On the motion of Colonel Merewether, seconded by K. M. Shroff, Esq., E. B. Carroll, Esq., was voted to the chair.

The minutes of the meeting held on the 24th ultimo, were signed.

The seal of the Corporation was affixed (1) to deed of agreement (in duplicate) between Mr. Cooverjee Cowasjee and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at No. 5, Agiary Street, off Shaik Memon Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed or in respect of any further work which may hereafter be added to the same and at the rate of Rs. 25 per square yard, for any land shown on the plan and scored in red lines, to be there taken up from the said Cooverjee Cowasjee, inclusive of any loss, damage or expense sustained by him by reason of such acquisition, and exclusive of the compensation for the building up to the level of the third floor standing upon such set-back; and (2) ditto ditto with Mr. Sakharam Bhaijibhai and the Corporation, to secure at any future time the set-back of property No. 263-269 at the junction of Sheik Memon and Agiary Streets, at the rates of Rs. 75 per square yard for land in Sheik Memon Street and Rs. 25 per square yard, for land in Agiary Street, for ditto, and without his receiving any compensation whatever for, or on account of, the unauthorised work executed by him shown on the plan annexed.

The seal of the Corporation was also affixed to 1 attested duplicate debenture, No. 3724, of the Tansa Water Works loan of Rs. 500, and to 1 consolidated debenture of the same loan, No. 363-364, of Rs. 1,000.

No. 3352. *Resolved*: "That, as applied for by the Commissioner in his memoranda Nos. 6953, 6954 and 7246, dated 24th and 27th June 1891, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | Where. |
|---|---|
| Mr. Joseph Ismael Lakdawalla ... | Building at Tardeo Road. |
| Bai Sakeenabai Rahimtoola ... | ,, Gibbs' Road. |
| Bai Sitabai, widow of Rammath Dadaji ... .. ... | ,, N 117, Fanaswadi." |

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 7591, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 3353.

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 7068, dated 25th June 1891, sanction be given to the purchase, from Messrs. Heptoola Sheik Adam & Co., of 2,000 cases of kerosine oil 150° test of the Westminster or Rose Brand at the rate of Rs. 4-8-0 per case. The amount to be met out of the current year's Budget provision for kerosine lighting."

No. 3354.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 7280, dated 27th June 1891, sanction be given to the expenditure of Rs. 404-4-0, for providing drainage to the Engineer's quarters at Pawai. The cost to be met out of savings in the grant provided for dry rubble residuum lodges in connection with the Pawai Dam."

No. 3355.

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 6908, dated 23rd June 1891, the Corporation be recommended to sanction the writing off of Rs. 657-12-0, being the difference between the book value and the auction sale proceeds of two horses belonging to the Fire Brigade, one of which met with an accident and the other suffered from chronic disease of the lungs."

No. 3356.

*Resolved*: "That the following be *recorded*:—Letter No. 7299, dated 27th June 1891, from the Commissioner, reporting that he has entrusted the work of providing covers with lock and key for the manholes on the line of conduits for the Tansa Works, to Messrs. Richardson & Cruddas. The amount, Rs. 968, to be met out of the contingent provision for the Tansa Works."

No. 3357.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 7310, dated 27th June 1891, the Corporation be recommended to sanction, in continuation of their resolution No. 2930, dated 15th idem, the taking of securities of Rs. 500 each from two Sub-Inspectors (on Rs. 20 and Rs. 15 each) of the Market and Slaughter-house Department.*"

No. 3358.

* These two Sub-Inspectors have hitherto given securities for the same amounts.

*Resolved* : "That the following be printed and considered at the next meeting :—Letter No. 7311, dated 27th June 1891, from the Commissioner, reporting, with reference to the resolution of the Committee, No. 7191, dated 22nd October 1890, on the system of keeping accounts in the Executive Engineer's Office."

No. 3359.

*Resolved* : " That the following be *recorded* :—Memorandum No. 7167, dated 26th ultimo, from the Commissioner, forwarding statement of houses or portions of houses which fell during the month of May 1891"—Namely, an old stable in Mazagon Road belonging to Mr. Badrudin Tyabjee, which fell down on 19th May and caused injury to three persons. The damage was estimated at Rs. 30, and the fall was caused, by the heaping of tiles, from an adjoining chall on a small part of the roof of the stable.

No. 3360.

Read memorandum No. 6859, dated 23rd June 1891, from the Commissioner, to the Secretary, forwarding letter No. 3587, dated 20th idem, from the Executive Engineer, to the Commissioner, as follows :—

SIR,—In reply to your No. 4849, dated 30th May 1891, I have the honour to report that the cause of the fall of the house at Currey Road on investigation is found to be as follows :—

1. Inferior quality of material and bad workmanship ; some of the bricks used in the work were kutcha, the mortar of insufficient adhesiveness and the whole of the timber in posts, beams, joists and roof was of inferior quality. The tenons and mortises of the several pieces of wood-work were not sufficiently deep.

2. Absence of trusses in the roof of 30 feet span. The roof consisted of rafters $1\frac{1}{2}''$ to $2'' \times 2\frac{1}{2}''$ simply nailed into wall plates and post plates and the ridge which measured $4\frac{1}{2}''$ diameter. This defect, viz., the absence of proper trusses and tie beams in the roof is alone quite sufficient to cause the fall of any house.

3. But in addition to this serious imperfection in the construction of the house, there was the omission of any masonry cross walls in a length 268 feet of longitudinal main walls, which were one brick thick. The interior longitudinal walls were half a brick thick and the cross partitions consisted of planks. A house built under the two such conditions last stated, would be likely to fall at any moment, especially when subjected to a sudden moving load on it floors. I have, &c., RIENZI WALTON, Executive Engineer.

No. 3361.

*Resolved* : " That the following be printed on the minutes of this day's meeting and *recorded* :—Memorandum No. 6859 dated 23rd ultimo, from the Commissioner."

*Resolved* : "That the following be printed, circulated and brought on for consideration next week :—

No. 3362. Memorandum No. 6937, dated 24th ultimo, from the Commissioner, forwarding report of the working of the Goculdas Tejpal Hospital for the year 1890."

*Resolved* : "That the following be *recorded* :—Memo-

No. 3363. randum No. 6855, dated 23rd ultimo, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 5620, dated 9th January 1889, the transfer of Rs. 4,000, from the 5 per cent. Municipal Loans Sinking Fund Deposit account, to the 35 Lakhs Various Sanitary Works Loan Deposit account, on 17th ultimo."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes and the Pawai Reservoir for the week ending 28th June 1891.

*Resolved* : "That the following be *recorded* :—Memo-

No. 3364. randum No. 6945, dated 24th ultimo, from the Commissioner, forwarding, for the information of the Committee, report from the Executive Engineer, regarding a fire which took place at the Love Grove Pumping Station on the 9th idem. Stating that the fire was of a trivial nature and that no damage was done to the coal or any other Municipal property."

The following return was read and *recorded* :—

Return of fires at Parel Road (Chinchpogli) and Kamathipura 3rd Street, forwarded with the Commissioner's memorandum No. 6952, dated 24th June 1891.†

The further consideration of Commissioner's letter No.

No. 3366. 6938, dated 24th June 1891, on the subject of the acquisition of ground at Unjirbagh, for the disposal of the dead, was postponed till next week, to enable the Commissioner to enquire whether the land in question can be obtained on lease for a term of 999 years instead of being purchased.

*Resolved* : "That, as recommended by the Commissioner

No. 3367. and with reference to the resolution of the Committee No. 2603, dated 10th ultimo, the Commissioner be authorized to forego the recovery of the interest at 6 per cent. on Rs. 1,100 (from 23rd September 1890 to 12th April 1891 and from 13th April 1891 on

* See Appendix C. † See Appendix E.

Rs. 600) due by Mr. Merwanji Edulji Madon as the balance of the surety money for the late Ward Clerk Jamsetji Muncherji Hakim,—Mr. Merwanji Edulji Madon having this day paid in the balance, Rs. 600, due by him in respect of such surety."

No. 3368. Considered list of Outstanding Business (1st July 1891).

*Item No.* 4.—The Commissioner asked to make a special inquiry and report the best means of improving the system of accounts in the Engineering Department, &c.—(22nd October 1890). *Struck out*, the report having been presented this day.

*Item No.* 6.—Resolution of the Corporation, dated 15th December 1890, adopting the report of the Committee on the question of burial places for the dead, dated 15th November 1890, and requesting the Standing Committee to report on the financial provision necessary for the carrying out of the recommendations therein contained. Referred to the Commissioner for report—(17th December 1890). *Struck out*, the report having already been presented and further discussed this day.

*Item No.* 11.—Memorandum from the Municipal Secretary, forwarding petition, dated 8th instant, addressed to the Corporation by Mr. Anandrao Ramkrishna and others, inviting attention to their former complaint, dated 15th December last, regarding nuisance from the open side gutters in Khetwady. Referred to the Commissioner for report—(13th May 1891). *Struck out*, the report of the Commissioner, No. 5828, dated 15th ultimo, on this subject, being included in the list of business to be placed before the Corporation on the 9th instant.

*Item No.* 12.—Memorandum No. 3936, dated 19th May, from the Commissioner, forwarding statement of houses or portion of houses which fell during the month of April 1891. Referred back to the Commissioner for definition of the "cause of fall" of Mr. Manockchand Nansee's chawl in Currey Road, (27th May 1891). *Struck out*, having been disposed of this day.

*Item No.* 13.—The Commissioner asked to furnish progress reports of the Tansa Water Works and to inform the Committee as to the probable date of bringing Tansa water into Bombay—(27th May 1891). *Struck out*, the informa-

tion having been supplied in Mr. Clerk's letter No. 382, dated 5th ultimo (*see* Proceedings of the Committee of 10th idem).

On the motion of Colonel Merewether, seconded by Colonel Wilson, it was—

*Resolved* : "That, in view of the statement made by the Commissioner this day, the Standing Committee rescind their resolution No. 3148, dated 24th ultimo,* and will reconsider the question therein referred to at their next meeting."

No. 3369.

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BOMBAY, 8*th July* 1891.

AT the meeting of the Standing Committee held this day, there were present :

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G.L.C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the EXECUTIVE ENGINEER, Tansa Water Works; the CHIEF ACCOUNTANT; and the SECRETARY.

In the absence of the Chairman, Colonel Merewether was voted to the chair.

The minutes of the meeting held on the 1st instant, were signed.

The seal of the Corporation was affixed (1) to deed of agreement between Mr. Dayal Narsi and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Nos. 13-21, Old Hanuman Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and at the rate of Rs. 35 per square yard, amounting in all to Rs. 503-10-4, for any land shown on the plan and scored in red lines to be there taken up from the said Dayal Narsi, inclusive of any loss, damage or expense sustained by him by reason of such acquisition; (2) ditto ditto between Mr. Sheik Mahomed bin Mahomed Syed Pathan and the Corporation to secure at any future time the acquisition of

No. 3624.

* "File of Confidential Papers" kept by the Secretary.

his property shown on the plan occupied by the shed and coloured yellow, situated at Ripon Road, at the rate of Rs. 8 per square yard, and without his receiving any compensation whatever for or on account of the unauthorised work executed by him shown on the plan annexed; (3) ditto ditto between Mr. Hajee Cassum Joosub and the Corporation to secure at any future time the set-back of property shown on the plan, coloured red, and situated at Kasara Basin Road, at the rate of Rs. 10 per square yard and without his receiving any compensation whatsoever for or on account of any superstructure which now stands on the ground, and of any further work which may hereafter be added to the same; (4) to deed of contract with Mr. Moosabhoy Adamjee & Son, for the supply of drawing materials during 1891-92; and (5) with the Bombay Telephone Company for working of the Municipal telephones during 1891-92.

No. 3625. *Resolved*: "That, as applied for by the Commissioner in his memoranda No. 7548, dated 1st instant, and Nos. 8102, 8103, 8104, 8105, 8106, 8107, 8108, 8109, 8110, 8111, 8112, 8113, 8114, 8115, 8116, and 8117, dated 7th idem, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Dr. H. L. Batliwala ... | ... Building at Naigaum Road. |
| Mr. Raoji Ragunath ... | ... Do. at Parel Village. |
| „ Trimbuk Ramji ... | ... No. 1436, do. |
| „ Laximon Sambu ... | ... Building at Bhoewada Village. |
| „ Ramjee Honajee ... | ... No. 1435, Parel Village. |
| „ Jan Mahomed Ismail | ... Building at Dadar Road. |
| „ Vamon Damul ... | ... Do. at Parel Village. |
| „ Nanabhoy Burjorjee... | ... Do. at Gilder Street. |
| „ Nuzboodin Hakim ... | ... No. 283, Mahomedan Street. |
| „ Dulgirsing Sanamsing | ... No. 1236, Parel Village. |
| „ Rupa Pana ... ... | ... Building at Dadar Road. |
| „ Hyderkhan Raju ... | ... No. 1361, Parel Village. |
| „ Goolamalli Mahomedalli | ... No. 133-137, Bellasis Road. |
| „ Shiwapa Havapa ... | ... No. 1433-1434, Parel Village. |
| „ Raji Babaji ... ... | ... Buildings at 3rd Kamathipura Street |
| „ Bhau Raghunath ... | ... Gilder Street. |
| Mrs. Catherine, widow of Baptista Patel ... .. | ... No. 4 '1, Parbhadevi Road. |

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 8243, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 3626.

*Resolved* : "That the following be *recorded* :—Letter No. 7797, dated 3rd instant, from the Commissioner, reporting that he has entrusted the work of laying boundary marks on the municipal land in the villages of Pendhari Pudla and Gawand, acquired for the Tansa lake, to one Mr. Ganesh Atmaram for Rs. 511-4-0. The amount to be met out of the contingent allotment for the Tansa Works."

No. 3627.

Considered the following :—Letter No. 1072, dated 26th June 1891, from the Chief Accountant to the Commissioner as under :—

SIR,—With reference to the then Town Council's Resolution No. 1208, dated 17th November 1886, and the latter portion of their Resolution No. 1444, dated 22nd December 1886, I have the honour to forward for the information of the Standing Committee the accompanying statement showing the investments of the different Loan and Reserve Funds up to 30th March 1891.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

## Statement showing the Invested Loan

| Particulars. | | | Amount. | | |
|---|---|---|---|---|---|
| | | | Rs. | a. | p. |
| 1. | Sinking Fund of the 6 % Loans of 1867 and 1868... ... | | 4,000 | 0 | 0 *a* |
| 2. | Municipal Building Fund— | | | | |
| | 1881 ... ... ... ... ... ... ... | | 2,50,000 | 0 | 0 |
| | 1882 ... ... ... ... ... ... ... | | 50,000 | 0 | 0 |
| | 1883-84 ... ... ... ... ... ... ... | | 20,000 | 0 | 0 |
| | | Rs... | 3,20,000 | 0 | 0 |
| | Interest and Profit up to February 1885 ... ... ... | | 27,310 | 7 | 7 |
| | | Rs... | 3,47,310 | 7 | 7 |
| | 1884-85 ... ... ... Rs. 50,000 0 0 | | | | |
| | Less expended ... ... ... „ 800 12 4 | | | | |
| | | | 49,199 | 3 | 8 |
| | 1885-86 ... ... ... Rs. 50,000 0 0 | | | | |
| | Less expended ... ... ... „ 42 6 10 | | | | |
| | | | 49,957 | 9 | 2 |
| | 1886-87 ... ... ... ... ... ... ... | | 50,000 | 0 | 0 |
| | 1887-88 ... ... ... ... ... ... ... | | 50,000 | 0 | 0 |
| | Interest up to 15th March 1887 ... ... ... ... | | 37,962 | 8 | 0 |
| | Do. do. 15th March 1888 ... Rs. 13,847 9 11 | | | | |
| | Less expended ... ... ... „ 798 0 0 | | | | |
| | | | 13,049 | 9 | 11 |
| | Interest and Profit up to March 1889 ... ... ... ... | | 55,576 | 10 | 10 |
| | Do. do. March 1890 ... ... ... ... | | 25,083 | 10 | 7 |
| | Do. do. March 1891 ... ... ... ... | | 28,281 | 13 | 1 |
| | | Rs.... | 7,06,421 | 8 | 10 |
| | Less expenditure in 1888-89 ... Rs. 90,088 0 0 | | | | |
| | Do. in 1889-90 ... „ 96,299 15 10 | | | | |
| | Do. in 1890-91 ... „ 2,53,933 5 7 | | | | |
| | | | 4,40,321 | 5 | 5 |
| | | Rs.... | 2,66,100 | 3 | 5 *b* |
| 3. | 44 Lakhs Sanitary Works Loan ... ... ... | Rs.... | 6,73,623 | 10 | 4 *c* |
| 4. | Tansa Loan— | | | | |
| | 1st Instalment ... ... ... ... ... ... | | 17,00,000 | 0 | 0 |
| | 2nd Do. ... ... ... ... ... ... | | 30,00,000 | 0 | 0 |
| | 3rd Do. ... ... ... ... ... ... | | 25,00,000 | 0 | 0 |
| | 4th Do. ... ... ... ... ... ... | | 25,00,000 | 0 | 0 |
| | 5th Do. ... ... ... ... ... ... | | 25,00,000 | 0 | 0 |
| | Less drawn— | Rs.... | 1,22,00,000 | 0 | 0 |
| | During 1886-87. ... ... ... Rs. 11,90,000 | | | | |
| | Do. 1887-88. ... ... ... „ 19,10,000 | | | | |
| | Do. 1888-89. ... ... ... „ 24,00,000 | | | | |
| | Do. 1889-90. ... ... ... „ 42,00,000 | | | | |
| | Do. 1890-91. ... ... ... „ 25,00,000 | | 1,22,00,000 | 0 | 0 |

## and Reserve Funds up to 31st March 1891.

| How Invested. | | | | REMARKS. |
|---|---|---|---|---|
| Deposited in cash with the Bank of Bombay at interest. | | | | a. *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 2,58,000.....=Rs. | 2,55,063 | 2 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 11,037 | 1 | 5 | |
| Rs. | 2,66,100 | 3 | 5 | b. *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 6,70,000.....=Rs. | 6,55,548 | 10 | 4 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 18,075 | 0 | 0 | |
| Rs. | 6,73,623 | 10 | 4 | c. *Vide* Annual Report for 1890-91, page |
| *Nil* | | | | d. *Vide* Annual Report for 1890-91, page |

| Particulars. | | | | Amount. | | |
|---|---|---|---|---|---|---|
| | | | | Rs. | a. | p. |
| 5. 7 Lakhs Sanitary Works Loan ... ... ... | | | Rs.... | 7,00,000 | 0 | 0 |
| Less drawn— | | | | | | |
| During 1887-88. ... ... ... | | Rs. | 4,00,000 | | | |
| Do. 1888-89. ... ... ... | | „ | 1,00,000 | | | |
| Do. 1889-90. ... ... ... | | „ | 1,00,000 | | | |
| Do. 1890-91. ... ... ... | | „ | 1,00,000 | | | |
| | Rs. | | 7,00,000 | | | |
| Deduct— | | | | | | |
| Advances replaced in 1890-91 ... | | „ | 1,20,000 | | | |
| | | | | 5,80,000 | 0 | 0 |
| | | | | 1,20,000 | 0 | 0 *e* |
| 6. 12 Lakhs Drainage and Water Works Loan ... ... | | | | 12,00,000 | 0 | 0 |
| Less drawn up to 1889-90 ... | Rs. | 3,34,453 | 2 0 | | | |
| Do. during 1890-91 ... | „ | 2,97,684 | 6 0 | | | |
| | | | | 6,32,137 | 8 | 0 |
| | | | | 5,67,862 | 8 | 0 *f* |
| 7. Tansa Loan Interest Deposit Account—Balance up to 1889-90. | | | | 10,10,952 | 8 | 4 |
| Add—Interest realized in 1890-91 ... ... ... | | | | 38,861 | 4 | 11 |
| | | | | 10,49,813 | 13 | 3 |
| Deduct— | | | | | | |
| Amount drawn during 1890-91 to pay Interest on the Tansa Loan in excess of the Annual Budget Provision.. | | | | 93,536 | 14 | 3 |
| | | | | 9,56,276 | 15 | 0 *g* |
| 8. Miscellaneous Works Loan of 1888-89 ... ... ... | | | | 10,08,500 | 0 | 0 |
| Less drawn— | | | | | | |
| During 1888-89. Rs. 1,48,500 | | | | | | |
| Do. 1889-90. „ 7,00,000 | | | | | | |
| Do. 1890-91. „ 1,00,000 | | | | | | |
| | Rs. | 9,48,500 | 0 0 | | | |
| Deduct— | | | | | | |
| Advances replaced during 1890-91... | „ | 4,40,000 | 0 0 | | | |
| | | | | 5,08,500 | 0 | 0 |
| | | | | 5,00,000 | 0 | 0 *h* |

| How Invested. | | | | Remarks. |
|---|---|---|---|---|
| Deposited in cash at the Bank of Bombay at interest. | | | | *e.* *Vide* Annual Report for 1890-91, page. |
| 4 °/₀ Government Paper for Rs. 5,70,000 = | Rs. 5,67,862 | 8 | 0 | *f.* *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 7,13,000 = | Rs. 7,11,837 | 13 | 0 | |
| Deposited in cash at the Bank of Bombay at interest..... | „ 2,44,439 | 2 | 0 | |
| | Rs. 9,56,276 | 15 | 0 | *g.* *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 1,00,000 = | Rs. 99,625 | 0 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... | „ 4,00,375 | 0 | 0 | |
| | Rs. 5,00,000 | 0 | 0 | *h.* *Vide* Annual Report for 1890-91, page |

| Particulars. | Amount. | | |
|---|---|---|---|
| | Rs. | a. | p. |
| 9. Agripada House Sullage Water Connections Loan raised in 1889-90... ... | 94,000 | 0 | 0 |
| Do. do. do. 1890-91... ... | 1,54,000 | 0 | 0 |
| | 2,48,000 | 0 | 0 |
| Less drawn— | | | |
| During 1889-90 ... ... Rs.. 94,000 0 0 | | | |
| Do. 1890-91 ... ... „ 1,54,000 0 0 | | | |
| | 2,48,000 | 0 | 0 |
| | Nil. | | *i* |
| 10. 35 Lakhs Various Sanitary Works Loan Deposit Account— Amount raised during 1890-91 ... ... ... ... | 34,47,000 | 0 | 0 |
| Less— | | | |
| Amount drawn during 1890-91 ... ... ... | 15,25,941 | 14 | 0 |
| | 19,21,058 | 2 | 0 *j* |
| 11. 5 % Municipal Loans Sinking Fund—Balance up to 1889-90. | 2,39,705 | 9 | 7 |
| Add— | | | |
| Instalments due for 1890-91 ... ... ... ... | 37,775 | 0 | 0 |
| Interest realized during 1890-91 ... ... ... | 12,402 | 9 | 9 |
| | 2,89,883 | 3 | 4 *k* |
| 12. Municipal Buildings Fire Insurance Fund—Balance up to 1889-90 ... ... ... ... ... ... ... | 3,000 | 0 | 0 |
| Add— | | | |
| Amount set apart for 1890-91 ... ... ... | 3,000 | 0 | 0 |
| | 6,000 | 0 | 0 |
| Add— | | | |
| Interest realized during 1890-91 ... ... ... | 113 | 4 | 5 |
| | 6,113 | 4 | 5 *l* |
| 13. Surplus Cash Balance—Balance on 31st March 1890 ... | 11,48,032 | 0 | 0 |
| Less— | | | |
| Amount drawn during 1890-91 ... ... ... | 11,48,032 | 0 | 0 |
| | Nil. | | |
| Add— | | | |
| Advances replaced during 1890-91 ... ... ... | 16,77,423 | 4 | 0 |
| | 16,77,423 | 4 | 0 *m* |

| How Invested. | | | | Remarks. |
|---|---|---|---|---|
| | | | | *i.* *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 18,04,500=Rs. | 18,53,732 | 8 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 67,325 | 10 | 0 | |
| Rs. | 19,21,058 | 2 | 0 | *j.* *Vide* Annual Report for 1890-91, page |
| 5 °/₀ Municipal Debentures for Rs. 2,89,500 .....=Rs. | 2,89,500 | 0 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 383 | 3 | 4 | |
| Rs. | 2,89,883 | 3 | 4 | *k.* *Vide* Annual Report for 1890-91, page |
| 5 °/₀ Municipal Debentures for Rs. 6,000.....=Rs. | 6,000 | 0 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 113 | 4 | 5 | |
| Rs. | 6,113 | 4 | 5 | *l.* *Vide* Annual Report for 1890-91, page |
| 4 °/₀ Government Paper for Rs. 2,69,600 and 4 °/₀ Port Trust Bonds for Rs. 12,000 = Rs. | 2,91,333 | 4 | 0 | |
| Deposited in cash at the Bank of Bombay at interest ... „ | 13,86,090 | 0 | 0 | |
| Rs. | 16,77,423 | 4 | 0 | *m.* *Vide* Annual Report for 1890-91, page |

*Resolved*: "That memorandum No. 7432, dated 30th ultimo, from the Commissioner, forwarding, with reference to the late Town Council's Resolutions Nos. 1208 and 1444, dated 17th November and 22nd December 1886, a statement shewing the investments of the different Loan and Reserve Funds up to 31st March 1891, be *recorded* on the minutes of this meeting."

No. 3628.

Considered memorandum No. 6937, dated 24th June 1891, from the Commissioner, to the Secretary, forwarding the Administration Report of the Goculdas Tejpal Hospital for the year 1890, as under :—

## ANNUAL REPORT OF THE GOCULDAS TEJPAL HOSPITAL, BOMBAY, FOR THE YEAR 1890.

1. CONSERVANCY AND WATER SUPPLY.—The system of conservancy in this Hospital is "the water method," and it works well. The latrines were daily inspected by the House Surgeon and frequently by me. They were properly flushed, and kept clean and disinfected. The water supply was, as usual, very good in quality. Owing, however, to very insufficient pressure the quantity was not sufficient, and the pumps had to be worked very frequently to fill the tanks wherewith the upper floors were supplied with water. The expense of employing coolies to do this amounted to Rs. 36-4-0. The water tax which was formerly only Re. 0-4-0 a quarter is now increased to Rs. 169-1-3 per quarter, and it amounted to Rs. 676-5-0 during the year. By so much, therefore, the Municipal grant to this Hospital is diminished, as compared to previous years.

2. HOSPITAL BUILDINGS.—There were no additions or alterations made during the year. The usual repairs to the main building and the out-houses were satisfactorily done, except that the tank on the top of the Surgeon's room leaked very much, causing great annoyance. Complaint of this was made to the Public Works Department. The Hospital fittings were kept in good order, and the beds were frequently aired, cleaned, and painted, and repaired when necessary.

3. GENERAL HEALTH OF THE TOWN.—The general health was good, judging from the number of out-patients and the admissions, and from newspaper reports. There were no epidemics in the town to my knowledge.

4. ATTENDANCE OF PATIENTS—

(*a*) *In-door patients.*—The total number of admissions during the year was 2,546 as contrasted with 2,161 of last year, being an increase of 385. The total treated in the wards was 2,648 as contrasted with 2,257 of last year, being an increase of 391. Each bed accommodated during the year about 22 patients. The average detention in Hospital was about 15 days. The average daily number of in-door patients was 105·5 ; the average of men

being 87·3, women 12·5, and children 5·7. The increase in the number of admissions was due to the advent of a large number of surgical injuries from accidents. The daily average of women and children continues to be unaffected by the presence of special Hospitals in the vicinity as remarked in my last report.

(*b*) *Out-door patients.*—The total number of admissions was 14,782 as contrasted with 16,241 of last year, showing a decrease of 1,459; the total treated was 14,905 as contrasted with 16,358, showing a decrease of 1,453. The average daily number of sick out-patients was 106 against 109·8 of last year. This decrease of the number of patients in the out-patient department was due partly to the good general health of the town and partly to the dispersion of the patients in different directions, *viz.*, to the neighbouring public charitable dispensaries and to the ever-increasing number of cheap private dispensaries of private practitioners.

5. COMMON DISEASES AMONG THE IN-PATIENTS.—These I consider under three heads—medical, surgical, and toxicological.

(*A*) *Medical.*—The admissions were in the following order:—(1) Malarious fevers 262; of these, there were 193 cases of quotidian ague, 67 of remittent fever and 2 of malarial cachexia. (2) Respiratory affections 152; of these, there were 63 cases of bronchitis, acute and chronic, 60 of pneumonia, and 17 of bronchial asthma; the cases of pneumonia were of the worst type, the pneumonia supervening on attacks of malarious fever which the patients had prior to admission, or occurring in broken-down constitutions; many beggars and others suffering from privation were so affected. (3) Rheumatism 148, of which only 3 were typically acute cases; all the rest were of the chronic variety, affecting the joints and muscles. (4) Dysentery 122; this occurred in constitutions injured by privation, and the cases were of the worst type and very chronic, where ipecacuanha in any form and method of administration often failed to do much good as also all the more recent methods of treatment of that disease, such as injections of anticeptic and astringent fluids into different parts of the intestinal canal. (5) Diarrhœa 101; these were mostly chronic cases and very intractable. (6) Tubercular disorders 85. (7) Debility and privation 84. These last four affections, namely, dysentery, diarrhœa, tubercular disorders and privation occurred principally amongst beggars picked up in the streets and pilgrims newly arrived, and caused the largest mortality in the Hospital. (8) Hepatic diseases 68; of these 19 were cases of hepatic abscess and 41 of hepatitis; the hepatic abscesses were nearly all very large, the liver seeming to be in many cases a mere bag of pus, nearly all pointed in the epigastric region at the time of admission, showing that they were either neglected by the patients or not diagnosed or improperly treated by quacks and others. (9) Nervous diseases 46; of these, the principal ones were of hemiplegia

15, epilepsy 9, severe neuralgia 6, and insanity 4: these last were only detained in Hospital for some time until the Police could make arrangements for their removal to the Lunatic Asylum or for disposal of them otherwise: they were too ill at the time of admission to be sent away at once.

(*B*) *Surgical.*—There were 671 cases of injuries. It will be observed that the largest number of admissions in this Hospital was from this cause. The principal injuries were in the following order of frequency :—

(*a*) Wounds of all kinds, chiefly contused and lacerated 224.
(*b*) Fractures 202 ; these include 9 of the base of the skull and 9 of the vault. These injuries were the result of accidents mainly in the docks and in the shipping, and partly of carriage, railway and tram accidents, &c., and assaults. Tram accidents were often very serious.
(*c*) Contusions of various parts and various degrees of severity 154.

The principal surgical diseases were in the following order :—

(*a*) Abscesses 82. These were exclusive of the 19 cases of hepatic abscesses already alluded to,and included lumbar psoas and perityphlitic abscesses and abscesses of the extremities, scrotum and perineum.
(*b*) Venereal diseases 77; of these there were 35 cases of primary and 24 cases of secondary syphilis and 18 cases of gonorrhæa. Only the very worst cases of these were admitted into Hospital. Those who were suffering from the same diseases in a milder form were all treated as out-patients.
(*c*) Ulcers of various kinds 52.
(*d*) Burns of various degrees 30.
(*e*) Eye diseases 28 ; these included 10 cases of cataract and the rest were diseases of cornea and conjunctiva in the order mentioned.
(*f*) Tumours 26 ; of these one only was cancer, *viz.*, of the penis. The rest were principally condylomata, elephantiasis scroti, sarcomata and polypi.
(*g*) Hydrocele 24.
(*h*) Diseases of the rectum 20. These were principally piles, fissures and fistulas.
(*i*) Tetanus 20 ; most of these were very bad cases.
(*j*) Calculus 17 ; of these one was renal, one was impacted in the bladder, and the rest were ordinary phosphate of lime calculi with uric acid nuclei.
(*k*) Strangulated hernia 15 ; of these 7 were operated upon.
(*l*) Bone diseases 10. These were ordinary caries and necrosis.
(*m*) Ear diseases 3.

(*C*) *Toxicological.*—There were 153 admissions. Of these, the principal ones were: alcoholic poisoning 129, opium 11, cannabis indica 5, and datura 5.

*Common diseases amongst the out-patients* were in the following order :—

(*a*) Malarious fevers 2,188, principally ague of the quotidian variety.
(*b*) Scabies 1,184. This is the most common skin disease seen in the out-patient department.
(*c*) Bronchitis, acute and chronic, 980.
(*d*) Ulcers of various kinds 967.
(*e*) Chronic rheumatism 911.
(*f*) Worms 786, chiefly round worms.
(*g*) Ear diseases 445, chiefly accumulation of cerumen, and otitis externa.
(*h*) Eye diseases 379, chiefly diseases of conjunctiva and cornea.
(*i*) Dysentery 135.
(*j*) Tubercle (phthisis pulmonalis) 76.

There were 2,273 cases of local injuries amongst the out-patients.

*Police, Medico-legal, &c.*—There were 1,672 Police cases brought to hospital during the year, the great majority of which were accidents and assaults. There were 34 inquests held during the year, of which there were 20 for fatal injuries, 4 for tetanus, 4 for burns, 1 for apoplexy, 1 for valve disease of the heart, 1 for diarrhœa, 1 for arsenical poisoning, and 1 for drowning.

6. Observations on Major Surgical Operations.—There were 139 major operations performed during the year, or 48 more than during the previous year. Of these, 7 proved fatal, showing a mortality of 4·8 per cent., which was less than that of the year before this. Three of the fatal cases were large hepatic abscesses, in which free opening was made in two and aspiration was performed in one; one was a large abdominal abscess which was opened; one was a case of gangrene of the arm in which as a last resource amputation at the shoulder joint was performed, the stump was attacked by gangrene, and the patient died of exhaustion. Two were really speaking medical cases, namely, ascites due to liver disease in which the abdomen was tapped. So that if only the purely surgical cases are considered, there was really only one death, namely, the case in which amputation of the shoulder joint was performed. The operations were all performed with such antiseptic and aseptic precautions as could be carried out. Of the 139 major operations, the more important ones were :—

(*a*) Hepatic abscesses surgically treated 24; of these, 9 were aspirated and 15 opened by the knife. In some cases the aspiration was done to promote adhesion and to diagnose before opening with the bestoury; in others the cutting operation was not allowed, and aspiration alone had to be performed. Of those that were opened by the knife, freely evacuated, drained and washed out

with antiseptic lotions, two died, 9 recovered thoroughly, and 4 were taken away by the patient's friends before the wounds healed. Of those that were aspirated, one died, one was cured by aspiration alone, and 7 were relieved and were subsequently operated upon by the knife.

(*b*) Amputation 18; of these 8 were of the upper extremity, including one of the shoulder joint, and 10 of the lower extremity, including one of the thigh, one through the knee, and one Syme's amputation. There was only one death, *viz.*, in the case of the shoulder joint amputation.

(*c*) Hæmatocele cut open 16. In all these cases the sac was emptied of clots and pus and washed out antiseptically. No death.

(*d*) Operation for stone in the bladder 15; of these, 13 were lateral lithotomies, and 2 litholopaxies (Begelow's method). All recovered.

(*e*) Cataract 11; Von Graef's operation was performed in all. Of these, 9 were cured and two were relieved.

(*f*) Operation for strangulated hernia 7; of these, in only one was herniatomy performed, the other 6 cases were reduced by taxis. All recovered.

(*g*) Removal of tumours 6; of these, the principal ones were sarcoma of the thigh and forearm.

(*h*) Excision of the eyeball for disorganization of the eye 4. All recovered.

(*i*) Operation for piles by clamp and cantry 3. All recovered.

(*j*) Excision of elbow 2; one efficiently relieved and the other removed by patient's friends before the wound healed.

7. MORTALITY AND ITS CAUSES.—There were in all 261 deaths or 9·9 per cent. to total treated. This percentage is lower than that of the previous year. Of the total number of deaths, 58 occurred within 24 hours, 50 within 4 days, and 153 above a week after admission. This shows that a little less than half the number of deaths occurred shortly after admission, a sure indication that, at the time of admission, many patients were as bad as bad could be. Many of these cases were evidently brought to Hospital by the patient's friends to save funeral expenses; and no selection of cases was made for admission except that the worst cases were allowed to have the prior claim for admission. These facts are mentioned to rightly account for this large mortality. The classes of patients in which the mortality was very high were beggars picked up in the streets, pilgrims just landed, and passengers by the numerous trains that run down to the Victoria Terminus from various parts of the country, coming to Bombay in search of food. The principal diseases that caused the largest number of deaths were in the following order:- (1) Diarrhœa; (2) Privation; (3) Phthisis; (4) Dysentery; (5) Remittent fever; (6) Pneumonia.

The principal causes of death in the surgical wards were in the following order :—(1) Tetanus, as usual, heads the list; (2) Fractures of the skull ; (3) Multiple injuries ; (4) Burns.

8. VACCINATION.—Not practised in this Hospital.

9. CONDUCT OF THE ESTABLISHMENT.—Mr. C. Easdon, the House Surgeon, did his duty as usual with marked ability, regularity and zeal. His assistance has been throughout of the greatest value to me in every way, and he deserves my esteem and respect.

The following Assistant Surgeons placed under me to do duty for short periods of time gave me every satisfaction by their ability and zeal and devotion to work :—Assistant Surgeons Dixon, Engineer, Pochaji, Pocha and Bharucha.

The Steward, Mr. Balcrushna, performed his duties in a manner deserving of great praise. There was no complaint about the food or clothing made by patients against his department which worked as usual very well.

The Assistant Steward, Mr. Cassinath Sadashiv, performed his duties very well and satisfactorily. Under the superannuation rule he was ordered to appear before a Medical Board, pronounced physically unfit for further service and invalided on the 22nd December 1890.

The Hospital head writer, Mr. Rodrigues, as usual did his work well, regularly, and to my entire satisfaction.

Hospital Assistants, Nagoo Luxumon, Piraji Shivaji, Vithal Lingoo, performed their duties to my entire satisfaction. They were regular in their attendance, correct in their conduct, and very kind and attentive to patients.

During the year under review the Surgeon-General at my request was pleased to recommend to Government that Mr. Balcrushna, the steward, and all other employés of this Hospital, whose services had hitherto been considered not pensionable, may be considered as Government servants with a view to their getting pension. Government sanctioned this proposal in November, *vide* Government Resolution in the Financial Department, No. 332, dated 20th November 1890.

As recommended in my last Annual Report, the Municipal Corporation, at their meeting held on the 29th September 1890, were pleased to pass a resolution to introduce trained female nurses into the Goculdass Tejpal Hospital and to grant for that purpose the sum of Rs. 1,000 per annum from the unexpended portion of the usual annual Municipal grant to the Hospital. I thereupon submitted a scheme to the Surgeon-General to employ four native nurses on a salaly of Rs. 20 per month each, the balance of Rs. 40 to be expended in buying uniform for them.

Government sanctioned this proposal in December, *vide* Government Resolution No. 4776, dated 6th December 1890, General Department. These nurses will be trained in the Hospital by me and my staff and will be employed in the male as well as in the female wards.

10. THE EXPENSES were kept low as far as possible. The cost of diet per diem per head was 3 annas and 4 pies against 3 annas and 9 pies of the previous year. The decrease was due to cheaper rates of provisions.

Under the head of principal requirements of the Hospital one of my recommendations I am thankful to say I have been allowed to carry out, namely, the entertainment of nurses. The other requirements, though not so urgent, are still very necessary. They are :—

(1) A separate ward for emergency and poisoning cases and for noisy patients. It will be observed that this Hospital is essentially a Surgical Hospital, judging from the very large number of cases of injuries admitted, both as in-and-out-patients, and there is also a very large number of alcoholic and other poisoning cases admitted, and very often insane patients have to be temporarily detained. The necessity of this extra ward thus becomes obvious.

(2) A room for scientific investigation of cases, such as ophthalmoscopic, laryngoscopic and other examination of patients. There is no room in the Hospital, which can be darkened for this purpose or otherwise made suitable for it.

D. N. PARAKH, Surgeon-Major,
In charge Goculdas Tejpal Hospital.

BOMBAY, 1*st January* 1891.

No 3629. *Resolved* : " That the Report of the Goculdas Tejpal Hospital for the year 1891, be passed on to the Corporation."

No. 3630. *Resolved* : " That, as recommended by the Municipal Secretary, sanction be given to ten days' extension of privilege leave to Mr. Ramchunder Makundji, Head Clerk in the Committee's Office, from the 11th instant.

" That sanction be also given to the employment of a temporary clerk for such ten days, at the rate of Rs. 15 per mensem; the cost to be met out of savings in Section III, fees payable to members of the Standing Committee."

Considered the following :—

No. 7311 of 1891-92.

BOMBAY, 27*th June* 1891.

To THE MUNICIPAL SECRETARY.

SIR,—With reference to the resolution of the Standing Committee, No. 7191, dated 22nd October last, I have the honour to report that, in addition to the forms introduced by Mr. Ollivant, Mr. Walton, after carefully going into the question of the system of

keeping accounts in the Executive Engineer's Office, introduced several new forms and books and improved others. The Municipal Auditors have examined these forms and registers in use in the Engineer's Office and have reported favourably of their suitability and of the steps taken by Mr. Walton. I enclose copy of their report. To post up the registers and forms of the different branches of the Engineer's office in due time and regularly, and to cope with the work, the Executive Engineer requires some extra establishment, which I shall consider and include in the next Budget.—I have, &c.,

H. A. ACWORTH,
Commissioner.

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BOMBAY, 10*th June* 1891.

TO THE COMMISSIONER.

SIR,—Referring to our conversation on the subject of the existing system of keeping accounts in the Executive Engineer's Department, and to see whether any improvement could be suggested in it, we have the honour to state for your information that we have inspected the several sundry forms of registers, bills, and of accounts, at present in use in the Executive Engineer's Office, and are of opinion that they are, on the whole, very suitable for the purposes for which they are intended and would answer very well; provided the Inspectors, Clerks, &c., in charge of them took an intelligent interest in their work and a little more pains in filling them up promptly, properly, and in time as they should do.

On talking over the matter with the Chief Clerk of the Executive Engineer's Department, he showed us a printed form of a Register of Requisitions or Indents on Contractors, Form No. 1, which was, he said, intended to be introduced in the General Department, on trial, to ascertain its suitability or otherwise. He also showed us another form as a Register of Bills, Form No. 2, stating there was no such form kept in the Water Works Department. We think these forms should be kept. The former (No. 1) would show what liabilities have been incurred and for which indents bills have been and are to be received. The latter (No. 2) would show what bills have been received, those which have been passed and consequently debited to the account of the different grants, and those which still remain unadjusted or are not so debited. Both these forms are good and useful and, we think, should be adopted in all branches of the Engineer's Office. We have been shown also the monthly statements of the state of the Budget and of other grants, Form No. 3, which has been prepared under the orders of the Executive Engineer, and we are informed that these monthly statements are shown to and examined carefully by him personally every

*Vide* Form No. 1.

*Vide* Form No. 2.

*Vide* Form No. 3.

month. It would be advisable, if the Executive Engineer were to put his initials on the statements after examination. The statements show clearly at a glance the condition of the different grants, whether they are within, or in excess of, the proportional grants for the expired portion of the year. The registers of departmental and private works, Forms Nos. 4 and 5, of Workshops Bills, Form No. 6, which have been lately introduced, have also been shown to us. All these would prove useful, if they are properly posted up in time. They would clearly show how these accounts stand, which bills have been collected or adjusted, and which remain to be paid or accounted for. It appears from enquiry, no accounts, as in the present form, were kept in the Engineer's office in former years, but they were gradually improved, and, we hope, by the introduction of these forms there would be great improvement in the existing system of keeping accounts. We beg to suggest, it would greatly facilitate business and save much time if Workshops Bills were submitted by the Executive Engineer, for certificates, *directly* to the different departments to which they belong, instead of submitting them through the office of the Chief Accountant. The suggestion, we offer, is actually followed by the Executive Engineer in the case of submitting the bills of the departmental and private works, which are all forwarded *directly* to the respective different departments. We have been also shown another, Form No. 7, which is a register of lands acquired for street improvement. This form, contains a memo. of all liabilities incurred, but not paid for, up to the end of the last year, and all subsequent liabilities incurred and payments made thereafter. This form is also a good one, and gives all necessary information. The last column, marked A, which defines agreements to give up lands on which property is built within the line of streets, may prove very useful when necessity arises. We mention the circumstances of the introduction of the above-mentioned forms and registers, as they are, we believe, steps taken in the right direction for improvement in the Engineer's Department. We think it would be advisable to introduce a book showing a memo. of accounts relating to miscellaneous fees and miscellaneous receipts. At present no account is kept in this department of these fees and receipts, because no money on these accounts is received by the department. The only memoranda which the department keeps, are the counterfoils of the advice notes, sent from time to time to the Chief Accountant, in whose office, the money on account of the fees and receipts is paid and received. The information as to what the total collections have been made under each head cannot, therefore, be ascertained from the Engineer's office. We, therefore, think it very desirable, with the object of having a mutual check, that a book should be kept in the Executive Engineer's office showing in appropriate columns the amount of each description of fees and receipts, so that the book may be tallied at the end of each month with the book in

*Vide* Forms Nos. 4, 5 and 6.

*Vide* Form No. 7.

the office of the Chief Accountant. We would finally recommend strict punctuality in the submission of all abstracts, bills and vouchers to the Chief Accountant's office, to be observed by all the departments of the Municipality, as the success of this institution greatly depends upon each individual department co-operating, and forwarding their accounts as accurately and in a complete form, and in time, to enable the Chief Accountant, to prepare his annual statements of receipts and disbursements as early as possible.—We have, &c.,

ARDESIR FRAMJI MOOS,
NANABHAI R. RANINA,
Municipal Auditors.

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No. 2424 of 1890-91.

BOMBAY, 10*th November* 1890.

To THE COMMISSIONER.

SIR,—With reference to your No. 15992 of the 27th ultimo, I have the honor to report that the system of accounts in the Engineering Department does not, so far as I am aware, require much improvement. Mr. Ollivant, while framing the schedule, particularly strengthened the staff in the different branches of the Engineer's Department, re-organising the account and correspondence, &c., establishments.

2. Mr. Ollivant also introduced several forms showing at a glance the state of sanctioned grants for works, &c., during their progress. He suggested other reforms for keeping road repairs accounts of the different classes of roads.

3. I understand these are being kept, and if the Executive Engineer laid down strict orders to the Subordinate Executive Officers to comply with the requirements of his own account officers and of this office, and if proper checks are introduced for the recovery and accounting of private and departmental work bills, everything will go right. Any slight departure should on the first occasion be visited with a reprimand, all subsequent faults being dealt with according to the enormity of offence by slight or heavy fines, reduction in pay, loss of promotion for a certain period, and with even dismissal in extreme cases. But unless such strict measures are adopted, I am afraid matters won't permanently improve.—I have, &c.,

SORABJI NAVAROJI COOPER,
Chief Accountant.

*Resolved*: "That the following be *recorded* :—Letter No. 3631. No. 7311, dated 27th June 1891, from the Commissioner, reporting, with reference to the resolution of the Committee, No. 7191, dated 22nd October 1890, on the system of keeping accounts in the Executive Engineer's Office."

The consideration of the following was postponed till the question of the appointment of a Medical Examiner for the Fire Brigade is discussed:—

No. 3632.

Letter No. 7796, dated 3rd instant, from the Commissioner, requesting the Committee to recommend the Corporation to sanction the appointment of a Municipal Medical Examiner on a salary of Rs. 150 per mensem, *plus* Rs. 45 as conveyance allowance.

*Resolved* : "That the accompanying papers be forwarded to the Sub-Committee appointed on the 5th November 1890 (Colonel G. L. C. Merewether, R.E., the Hon'ble Mr. Javerilal U. Yajnik and Abdalla M. Dharamsi, Esq.), for favour of report:—Letter No. 7836, dated 4th instant, from the Commissioner forwarding with reference to the resolutions of the Corporation, dated 3rd November 1890, and the Standing Committee, dated 5th idem, as per margin, draft Pension Rules for Municipal officers and servants, together with supplementary rules relating both to Leave and Pension Rules for the Fire Brigade."

No. 3633.

"That the Standing Committee be authorised to frame amended regulations under section 81, clauses (*b*) to (*g*), of the Municipal Act (leave of absence, acting appointments, &c.) and that the Committee have power to obtain the opinion of an Actuary if necessary."

No. 7704.

"*Resolved* : That the following Sub-Committee be appointed to draw up amended regulations under section 31, clauses (*b*) to (*g*), of the Municipal Act (leave of absence, acting appointments, &c.,) in consultation with the Commissioner:—Colonel Merewether, the Hon'ble Mr. Javerilal U. Yajnik and Mr. Abdalla M. Dharamsi. Colonel Merewether to be Chairman of the Sub-Committee."

No. 7746.

Read letter No. 8131, from the Commissioner, to the Secretary, dated 7th instant, as follows:—

SIR,—The Tansa pipe contractors, Messrs. Macfarlane, Strang & Co., have offered to sell to the Municipality their pipe cutting machine with engine and boiler for the sum of £300.

It is, in my opinion, advisable that we should accept this offer as, with over 200 miles of pipes in our charge, such a machine will be both useful in itself and result in economy of working. The contractors in the first instance asked £400 for it, a price which, after consideration, I refused to entertain. As the machine is in good order and would cost, if new, about £800, the price now asked, £300, is a very low one, and decidedly advantageous to the Municipality. If the Standing Committee concur with me as to the advisability of purchasing it on these terms, I request them to recommend to the Corporation an extra grant of £300 at the current rate of exchange, or Rs. 4,100, or thereabouts, from surplus cash balance for the purpose. The contractors are anxious for a reply.—I have, &c.,

H. A. ACWORTH, Commissioner.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 8131, dated 7th instant, the Corporation be recommended to sanction the grant of £300 at the current rate of exchange, from surplus cash balance, for the purchase, from Messrs. Macfarlane, Strang & Co., of a pipe cutting machine for the stock of Water Works Department."

No. 3634.

The further consideration of the following was postponed till next week :—Letter No. 6938, dated 24th June 1891, on the subject of the acquisition of land at Unjir Bagh for the disposal of the dead.

No. 3635.

The further consideration of the following was postponed till next week :—Letter No. 6168, dated 15th ultimo, from the Commissioner, on the subject of renewing the pumping engines at Love Grove.

No. 3636.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes and the Pawai Reservoir for the week ending 5th July 1891.

Mr. K. M. Shroff suggested that the height of water of the Tansa lake might be added to these weekly returns. The Commissioner informed the Committee that, in the absence of a postal communication with Tansa, it would be difficult to supply the information every week, but promised to supply the information every fortnight.

The Commissioner further stated that at present the water in the Lake is up to the lowest inlet.

Considered letter No. 8242, dated this day, to the Secretary, as under :—

SIR,—I have the honor to state that in this office No. 2009, dated 24th April last, I applied for sanction of the Standing Committee to the entire work at the Malabar Hill Reservoir being entrusted to the Agents for the Indian Patent Stone Company, at certain rates, but their Resolution No. 1115, dated 28th idem, covers only the work at the Malabar Hill Reservoir settling basin and inlet works. I request, therefore, the sanction of the Standing Committee to the work at the distributing basin and filters being entrusted to them at the rate sanctioned in their resolution above quoted.

There are certain extra works to be executed at the Reservoir and which will cost Rs. 2,232-9-0, and I request the sanction of the Standing Committee to the payment of Rs. 1,193-12-0 out of savings in the work sanctioned by the Standing Committee in their Resolution No. 1424, dated 6th May last, and the balance

* *See* Appendix C.

Rs. 1,038-13-0 out of the sale proceeds of the surplus material referred to in the same resolution.

I have further to request that the Standing Committee will recommend the Corporation to sanction the transfer to Water Works stock of certain old pipes which have been removed from the reservoir, debiting the former and crediting the works at the latter with the price of them, *viz.*, Rs. 992-0-6.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That, in continuation of the Standing Committee's Resolution No. 1115, dated 29th April 1891, sanctioning the acceptance of tender from Messrs. Turner, Morrison & Co., Agents for the Indian Patent Stone Company, for the execution of certain works in the settling basin and inlet works, Malabar Hill Reservoir, at rates as per margin, sanction be given to the payment of the same rates to the same contractors for work done in repairing the disributing basin and filter of the reservoir and all other sanctioned works in connection therewith.

No. 3637.

| | Per 100 s. ft. |
|---|---|
| For removing the old mortar from the walls and then pointing them as required, with Indian patent stone .. .. .. | Rs. 41 |
| For covering floors with Indian patent stone one inch in thickness.. .. .. | „ 33 |
| For removing old mortar from and repointing pavement of inlet channel .. | „ 25 |

"That sanction be also given to the expenditure of Rs. 2,232-9-0, for additional works in connection with the repair of the walls to be met as follows :—Rs. 1,193-12-0, out of savings in the work, sanctioned by the Standing Committee, in their Resolution No 1424, dated 6th May 1891, and Rs. 1,038-13-0, out of the sale proceeds of surplus—asphalt, bitumen, boilers, pumps, &c., referred to in the last mentioned resolution :—

"'2. That the Corporation be recommended to sanction (1) the transfer to the Water Works stock of certain old mains and pipes removed from the Malabar Hill Reservoir, during the course of the repairs thereat of the value of Rs. 992-0-6 ; and (2) to the expenditure of that amount to the debit of Waler Works stock, on certain additional repairs of the reservoir, if requisite.'"

Regarding the claim made by Messrs. Glover & Co., aggregating Rs. 4,39,874, in respect of the carrying out of their contract for the construction of the Tansa dam, the Commissioner now informed the Standing Committee that, under date of the 1st instant, Messrs. Glover & Co. had consented to accept the sum of Rs. 2,00,000 in full discharge of their claim.

The Commissioner informed the Standing Committee that he was not prepared to recommend that a larger sum than Rs. 1,20,000, should be paid, *plus* Rs. 5,000 on account of the advantages derived by the Municipality from the construction of the road between Atgaon Railway Station and Tansa.

Mr. Clerke, the Executive Engineer, Tansa, was in attendance and was consulted on certain points by the Committee.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

No. 3638. "That, with reference to their claims for extra payments on account of the construction of the Tansa dam and the roadway, from Atgaon Station to Tansa, the Contractors, Messrs. Glover & Co., be offered the sum of Rs. 1,25,000, without prejudice, in full satisfaction of all their demands."

*Carried* by 8 votes *against* 3.

The Commissioner informed the Standing Committee, with reference to the raising of loans for certain sanctioned works to be undertaken during the current year, that, with the amount of money available as balances of loans already raised, which amounted to about Rs. 44 lakhs, invested, together with about Rs. 11 lakhs of surplus cash balance which was also available, he did not recommend the raising of any further loan this year as, if these loans were now raised, an enormous amount of money would lie idle at the Bank of Bombay without interest. He considered it was advisable under the circumstances to utilise the surplus invested funds and cash balance toward payments of loan works to be adjusted hereafter, and for the present to formally obtain sanction to the raising of the loans. The following resolution was passed :—

No. 3639. "That the Standing Committee approve of the Commissioner's suggestions to advance such funds as may be required to meet the cost of works for which loans are to be raised in 1891-92, as soon as such loans are sanctioned by the Government of India and the funds are required from the balances of other loans heretofore raised, and by the sale of the public securities in which such balances have been invested, or from surplus cash balance.

"The Standing Committee also approve of the Commissioner's proposal not to raise for the present any loan in the public market, but in lieu thereof and, if required, to

replace the balances of other loans appropriated as above to issue Municipal debentures at par ; such debentures to be sold when the balances referred to require to be realized, or, with the sanction of the Standing Committee, on a favourable opportunity occurring."

The Commissioner informed the Standing Committee that he had received, through the brokers to the Municipality, an offer for taking up Rs. 25,00,000 of the debentures of the Tansa Water Works Loan (subject to the sanction of the Government of India to the raising of such sum) in three instalments, namely, on—

| | |
|---|---|
| 31st August 1891 ... ... ... ... ... | Rs. 8,00,000 |
| 15th September 1891 ... ... ... ... | „ 8,00,000 |
| 30th „ „ ... ... ... ... | „ 9,00,000 |

at 107 per cent., to be paid for in Government Paper at the fixed rate of 106 per cent. ; such paper to be repurchased at the same rate, the Bank paying cash (106) either in eight instalments of Rs. 3,00,000, each commencing from 1st October next (the last of such instalments to be of Rs. 4,00,000), or in five monthly instalments of Rs. 5,00,000, each commencing from the 1st January 1892. The Standing Committee concurred with the Commissioner in thinking it inadvisable to accept this offer.

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BOMBAY, 15*th July* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., C.C.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; the EXECUTIVE ENGINEER ; and the SECRETARY.

On the motion of Colonel Merewether, seconded by K. M. Shroff, Esq., Cowasjee Hormusjee, Esq., was voted to the chair.

The minutes of the meeting held on the 8th instant, were signed.

The seal of the Corporation was affixed (1) to 6 attested duplicate debentures of the Drainage Loan of 1878, Nos. 3865 to 3870, both inclusive, of Rs. 3,000 each ; (2) to 2 ditto, Nos. 1330 and 4212, of Rs. 500 each ; (3) to 4 ditto, Nos. 3408 to 3811, both inclusive, of Rs. 2,000 each ; (4) to 1 consolidated debenture of the Drainage Loan of 1878, No. 3172-79, of Rs. 4,000 ; (5) to 1 ditto No. 1475-85, of Rs. 5,500 ; (6) to 1 ditto No. 838-9 of Rs. 1,000 ; (7) to 1 attested duplicate deben-

No. 3892.

ture of the Tansa Water Works loan, No. 17383-4, of Rs. 1,000; and (8) to 1 consolidated debenture of the 35 lakhs various Sanitary Works loan, No. 1923-4 of Rs. 1,000.

No. 3893. *Resolved*: "That, as applied for by the Commissioner, in his memoranda No. 8311, dated 9th instant, Nos. 8432 and 8433, dated 10th idem, and Nos. 8797, 8798, 8799, 8800 and 8801, dated this day, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | | Where. |
|---|---|---|
| Mr. Gunput Manockjee | ... Building at | Gorupdeo Road. |
| „ Munjee Jewrajee | ... Do. | Ripon Road. |
| „ Gunput Manockjee | ... Do. | Gorupdeo Road. |
| „ Dulgirsing Sanamsing | ... Do. | Parel Village. |
| „ Harichund Essoba | ... Do. | do. |
| „ Vallibhoy Lalbhoy | ... Do. | Duncan Road Cross Lane. |
| „ Khundoo Byroo | ... Do. | Agripada |
| „ Samuel Essajee | ... Do. | Sankli Street. |

No. 3894. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8829, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 3895. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8316, dated 9th instant, and in lieu of the rate of Rs. 2 per square yard, fixed by the Town Council, in their resolution No. 1807, dated 2nd March 1887, sanction be now given to the payment of Rs. 3 per yard, for the 58·83 yards of land, or thereabout, taken from Mr. Adamji Peerbhoy for improving the junction of Tardeo Road and Forjett Street.

"That sanction be also given to the payment of Rs. 313-8-8, as compensation for the demolition of his compound-wall thereat."

No. 3896. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8317, dated 9th instant, and in lieu of the rate of Rs. 3 per square yard, fixed by the Town Council, in their resolution No. 159, dated 6th May 1885, sanction be now given to the payment of Rs. 8 per yard, for the 342·57 yards of land, or thereabout, taken up from Mr. Mahadhowrao Gunput Danjee, for the improvement of Walkeshwar Road."

No. 3897. *Resolved*: "That, as recommended by the Commissioner, in his letter No. 8130, dated 7th instant, sanction be given, under section 172 of the Munici-

pal Act, to the charging of halalkhor tax, at the special rate of Rs. 17-4-0 per mensem, in respect of Ward Nos. 4844 to 4863, Mount Road, Mazagon, known as Unjir Baug, belonging to Mr. Byramjee Jeejeebhoy."

No. 3898. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8100, dated 7th instant, sanction be given to the transfer of Rs. 100, from savings in Conservancy Branch, I, Superintendence and Inspection, Public Health Department Budget, to Licensing Establishment, section II, Contingencies, &c., to meet excess on the latter grant, caused on account of printing departmental forms and books."

No. 3899. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 8328, dated 9th instant, the Standing Committee approve of an order in writing being issued, under section 230 of the Municipal Act, to Mr. Rastamji Muncherji Dubash, authorising him to carry a drain for his premises at the junction of Tamarind Lane and Dean Lane, into, through or under the house-gully belonging to Sir Dinshaw Maneckji Petit, Bart., to the Municipal sewer thereat."

No. 3900. It was agreed that the further consideration of the following be postponed for a fortnight:—Memorandum No. 4491, dated 27th May 1891, from the Commissioner, reporting on the complaint of Mr. Jehangir P. Khambatta and others, as to the probable condition in the rainy weather of the low-lying piece of Government ground in rear of the Technical Institute.

Read letter No. 8460, dated 10th instant, to the Secretary, as under:—

SIR,—I have now the honor to reply to Standing Committee's Resolution, No. 6315, of 1st October last. The unavoidable difficulty of dealing with this question is my excuse for the delay. The law requires and the public demand both urinals and dust-bins throughout the City, but at the same time the members of the public, with their individual voice, invariably object to every site chosen for either. Nothing is more difficult than to choose sites which will not originate objections, which are sure to be supported in the Corporation, very likely by the same members who are accustomed to find fault with the Commissioner for failing to provide the needful accommodation. I do not complain of this, but I think the fact should be borne in mind, for it shows that these questions present complications which are far from being easy of solution.

2. The nuisances at the Bazaar Gate Garden are practically three in number:—

(*a*) The dust-bin carts at the south-west side.

(*b*) The urinal on the foot-path.

(c) The fouling of the foot-path by that immense majority of people who follow their traditional practice of relieving themselves on the ground in preference to, or in disregard of the existence of an urinal erected to accommodate them.

The dust-bin carts I have ordered to be removed to the eastern apex of the garden, where the Health Officer agrees with me that they will cause a minimum of inconvenience. The nuisance would be a hundred-fold greater if the carts were not there at all.

The urinal I propose to remove and to re-erect on a larger scale in some position in the centre of the road in the close vicinity. I propose to enclose it completely and to add to the amenities of the enclosure, by ornamental vegetation in the way of shrubs and creepers. It may be found advisable to add what is called a "rest" to the urinal externally for the security and convenience of pedestrians, and such a structure in such a place will assist vehicular traffic instead of impeding it.

The fouling of the foot-path can only be dealt with by preventive and penal action on the part of the Police and Magistracy.—I have, &c., H. A. ACWORTH, Commissioner.

No. 3901. *Resolved* : "That the following be *recorded* :—Letter No. 8460, dated 10th instant, from the Commissioner, to the Secretary on the subject of the improvement of the surroundings of the Bazaar Gate Garden."

No. 3902. *Resolved* : "That the following be *recorded* :—Memorandum No. 8096, dated 7th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 3,00,000—(1) of Rs. 2,50,000, from the surplus cash deposit account, to the Municipal general fund pass book on 1st July 1891, and (2) of Rs. 50,000, from ditto, to ditto on 4th idem."

No. 3903. With the consent of the meeting, the Commissioner withdrew his letter No. 6938, dated 24th June 1891, on the subject of the proposed acquisition of land at Unjir Baug, for the disposal of the dead of the Mahomedan and Jewish communities.

The Commissioner informed the meeting that he will present a further report on the subject.

Considered letter No. 6168, dated 15th ultimo, on the subject of renewing the pumping engines at Love Grove, to the Secretary as under :—

SIR,—I have the honour to lay before the Standing Committee and Corporation certain proposals with regard to the pumping engines at Love Grove.

2. In the course, probably, of the next nine months, water from the Tansa Lake will be delivered into the City, and the total water-supply will then amount to 32¾ million gallons as shown below :—

| | Gallons. |
|---|---|
| Vehar (32″ main) ... ... ... | 8,000,000 |
| Do. (24″ „ ) ... ... ... | 3,000,000 |
| Tulsi (24″ „ ) ... ... ... | 4,750,000 |
| Tansa (48″ „ ) ... ... ... | 17,000,000 |
| | 32,750,000 |

As is always calculated that one-half of the daily sewage of a City flows off in 8 hours, the supply to be dealt with must be taken as equivalent to one and a half times the above quantity per diem, *i.e.*, 49,125,000. It is true that the whole of the water received into the town does not reach the sewers, but, on the other hand, some additional allowance must be made for water received from wells and tanks, sea water used in sewer flushing and the rain water which cannot, as Mr. Baldwin Latham has remarked (page 64 of his report), be altogether kept out of the sewers. It is also true that all the houses of the City are not yet connected with the sewers, and consequently the sewage from them to a great extent fails to reach Love Grove ; but it is hoped that before very long a complete sewerage system may be extended to all parts of the City, and it is necessary to make the necessary provision of power for lifting it at the terminal pumping station. I may add that I deem it to be highly probable that in process of time the sewage of the northern districts, instead of being carried to Love Grove, will be taken northward and applied to reclaimed land in the general vicinity of Coorla ; but it is plain, from what Mr. Baldwin Latham says at pages 42 and 43 of his report, that that time must still be far distant and the contingency should not be allowed to govern present considerations. Mr. Baldwin Latham says (page 64 ) that new sewers should be constructed to carry 6 cubic feet per head per diem, that is to say, 37½ gallons, or a total of more than 30 million gallons on the present population only. It is then, I think, plain that the power to be maintained at Love Grove should be estimated at no basis lower than that required to deal with the 32¾ million gallons which, as I have remarked, we shall by this time next year be receiving into the City.

3. The Executive Engineer has, in a memorandum prepared for Sir Henry Morland's Committee, given a history of the pumping engines now in use at Love Grove. They are four in number ; 2 were purchased in 1881, and the remaining 2 in 1882. They were guaranteed to deal with 29,376,000 gallons per diem. They are of the beam type of engine, now becoming obsolete, the waste of power and the coal consumption are great ; they are continually getting out of order at great expense to the Municipality ; they were condemned by Mr. Baldwin Latham at pages 54 to 55 of his report and still more emphatically in a letter addressed to me, dated 3rd January 1891, in which he says (para. 7) : "it must be obvious, "having regard to the inefficiency of the Love Grove machinery, that

"*it would pay to give it away* and erect new machinery in its place." That this is an unexaggerated fact, and not a mere figure of speech, I shall show further on.

4. The Executive Engineer has been for some time in communication with Messrs. Simpson & Co., the makers of the Pawai engines, and I am now in a position to lay definite proposals before the Corporation. It is calculated that the least power that ought now to be provided should be sufficient to lift 45 million gallons per diem, exclusive of reserve. Mr. Walton's proposal is to purchase 4 engines with pumps, each of 15 million gallon power, 3 to be in use, and 1 held as a reserve. I annex a statement showing what the comparative cost would be of 15 and 10 million gallon power engines, sufficient to deal with the body of sewage which it is reckoned would need to be dealt with, and also showing the comparative cost of each per 1 million gallons per diem with that of the existing engines on the same unit of power. The statement also shows the coal consumption per developed horse-power per hour of the Worthington engines and our present engines. It will be seen that the price of 4 fifteen million gallon power engines at Bombay, would be about Rs. 3,38,259, of six 10 million gallon power engines Rs. 4,16,033, and a consideration of the cost per million gallons per hour will further show that the higher power engines are the more economical, while both would afford a striking saving as compared with our present engines. The coal consumption per developed horse-power per hour of the Worthington engines is found to be at Pawai 2·66 lbs., but the makers will not guarantee less than 4 lbs. per hour. The consumption by our present engines is 10·90 lbs.; we have this year budgetted for Rs. 47,300 for coal for the latter. Taking coal at the budgetted price, the Worthington engines and pumps would consume a value, according to Pawai experience, of Rs. 11,539 or Rs. 35,761 less, or, according to the makers' guarantee, Rs. 17,358 per annum or Rs. 29,942, less. On a 30 years' loan of 4 lakhs for new engines, and for setting them up, the annual payments on account of interest and sinking fund would amount to Rs. 26,100, or Rs. 9,661 less than we expect to save by economy of coal if the engines work as they do at Pawai, and Rs. 3,842 less if they work up to 4 lbs. an hour. These figures fully confirm the accuracy of Mr. Latham's statement, that it will be a positive economy to the Municipality to give away our present engines and erect new machinery in their place, as we shall save more by the reduced consumption of coal than the annual payments for the necessary loan will cost us. Assuming that the duty to be done, was 32 million gallons in 24 hours, the cost for coal for the Worthington engines would be Rs. 56,940 per annum (at 4 lbs. an hour), and with our present engines, Rs. 1,55,162.

5. A suggestion has been more than once made, both by myself and others, that the engines now at Pawai should be utilized at Love Grove, but I am not now in favour of this scheme. These engines will lift about 4½ million gallons of sewage per diem. Their joint capacity would therefore be not more than 9 millions, and could

only therefore be used as supplementary to the present engines, and I should not recommend, without extreme reluctance, any scheme which did not include, getting rid altogether of the latter. The less powerful the engine, the less economical the work, and the small engines at Pawai would proportionately do much less duty than the larger engines referred to in this report. The pumps of the Pawai engines could be adapted for sewage, at a cost of about Rs. 25,000, but, as to do so would not enable us to dispense with our present engines, I should prefer to make an attempt to sell the Pawai engines. I am in hopes that it would not be difficult to dispose of them in this way, the merits of the machine being so well established; and I recommend the Corporation to authorize me to advertise them for sale, directly the Tansa water has come into Bombay.

6. I have not suggested to the Corporation in dealing with the question of purchasing new engines (including pumps) the usual course of inviting tenders, or the alternative of addressing a few selected firms. The first I particularly deprecate. The primary point to be considered in such a matter as this is efficiency; to let this be over-ridden by the consideration of cheapness in first cost is not only dangerous as involving the probability that an inferior article will be supplied, but certain in the end to be bad economy. I may perhaps refer to our present engines in illustration of this remark, and I recommend the Worthington engines in particular, partly because the London County Council, with the best possible professional advice open to them, are adopting them for their own sewage pumping station, partly because we have ourselves experience of their extreme efficiency, and partly because Mr. Baldwin Latham repeatedly expressed the opinion that these were the engines we ought to procure.

7. The price of the four 15 million gallon engines which I recommend, will be £23,960, or, at 1/5 the rupee, Rs. 3,38,259 delivered on board in Bombay. It is impossible to say what the cost of setting them up may amount to, and I hope it may be met partly or altogether by the sale of our present engines; but I think it safe to estimate for a total expenditure of 4 lakhs, to be raised by loan for 30 years, in 1892-93. I take a period of 30 years, as being about the life of the engines. If the order is given by August next to Messrs. Simpson & Co., I reckon that two of the engines at least, might be set up in working order before the monsoon of 1893; the other two would perhaps not be delivered till after the monsoon, but with regard to this I cannot speak with certainty as yet. I trust that the Corporation will come to an early conclusion on this subject as the condition of our existing engines has been long under their consideration, and the addition to our water supply from the Tansa Lake is a matter of only a few months. The annual charge for a loan of 4 lakhs for 30 years at 5 per cent. will be Rs. 26,100. Any payments to be made before the loan is actually raised can be met from balances of other loans.—I have, &c., H. A. ACWORTH, Municipal Commissioner for the City of Bombay.

| | Four Worthington Engines, each of fifteen million gallon power per diem. | Fifteen million gallon Worthington Engines per one million gallon power per diem. | Six Worthington Engines each of ten million gallon power per diem. | Ten million gallon Worthington Engines per one million gallon power per diem. | Four existing Engines at Love Grove Pumping Station. (These were siphoned to discharge 29,376,000 gallons per diem.) | Four existing Engines per one million gallon power per diem. | Consumption of coal per horse power developed in actual work per hour. |
|---|---|---|---|---|---|---|---|
| 1. Cost free on board at Bombay, exclusive of cost of erection (exchange at 1s. 5d. per Rupee) ... ... ... ... | Rs. 3,38,259 | Rs. 5,638 | Rs. 4,16,033 | Rs. 6,934 | ..... | ..... | ..... |
| 2. Actual cost ... ... ... ... | ..... | ..... | ..... | ..... | Rs. 8,27,116 | Rs. 11,135 | ..... |
| 3. Worthington Engines (from experiments at Pawai) ... ... ... ... | ..... | ..... | ..... | ..... | ..... | ..... | 2·66 lbs. |
| 4. Existing Engines at Love Grove Pumping Station ... ... ... ... | ..... | ..... | ..... | ..... | ..... | ..... | 10·90 lbs. |

Mr. Carroll raised the question whether there was sufficient information in the hands of the Executive to satisfy them that the proposed new engines and pumps could be erected in the existing engine house, without any very large alteration and outlay, and whether the new boilers could be accommodated in the present boiler shed?

After discussion, it was agreed that exact plans of the

No. 3904. foundations of the engines and of the boiler space be forwarded to Messrs. Simpson & Co., the manufacturers, and that the further consideration of the question be postponed until replies are received from Messrs. Simpson, which, it is proposed, should be by telegraph.

Proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Hurkisondas Nurrotumdas, Esq.—

"That the following be forwarded to the Commissioner

No. 3905. for favour of remarks:—Resolution of the Corporation, No. 3717, dated 9th instant, giving cover to letter No. 2177, General Department, dated 17th June 1891, from Mr. Acting Under Secretary Harvey, forwarding, for any remarks which the Corporation may have to offer, certain rules framed by the Bombay Government with a view to carrying out the provisions of rule 10 of the rules prescribed by the Government of India for the raising of loans by local authorities in the open market."

*Carried.*

*Resolved*: "That the following be *recorded*:—Memo-

No. 3906. randum No. 8650, dated 14th instant, from the Commissioner, forwarding results of examination of the Vehar, Tulsi and Goper waters at present delivered into the city as under:—

*Sample of filtered Tulsi Water obtained from the Syphon Chamber, Malabar Hill Reservoir, on the 2nd instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... | ·04 |
| Albuminoid Ammonia ... ... ... | ·18 |

*Sample of unfiltered Tulsi Water obtained from the inlet well, Malabar Hill Reservoir, on the 2nd instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·10 |
| Albuminoid Ammonia ... ... ... | ·25 |

*Sample of unfiltered Vehar Water obtained from the Bhandarwada Reservior on the 2nd instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·01 |
| Albuminoid Ammonia ... ... ... | ·12 |

*Sample of Goper water as being sent to city along with Vehar Water (about half and half through 32" main obtained from air pipe on 27" delivery Main, Pawai, on the 4th instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·01 |
| Albuminoid Ammonia ... ... ... | ·13 |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar and Tulsi Lakes and the Pawai Reservoir for the week ending 12th July 1891.

Read and *recorded* memorandum No. 8802, dated this day, from the Commissioner, forwarding height of water in the Tansa Lake up to the morning of the 12th instant, as under :—

| Rainfall registered at Dam Site. | Reduced Level of Water in Lake. | Reduced Level of Waste Weir. | Reduced Level of Sill of Lowest Outlet. |
|---|---|---|---|
| 13·22 inches. | 380·61 | 405·00 | 380·00 |

The Commissioner stated that, in future, these reports will be sent in weekly.

The following return was read and *recorded* :—

Return of fires at Tardeo and Sarung Street, forwarded with the Commissioner's memorandum No. 8219, dated 8th July 1891.†

No. 3908. *Resolved* : "That the following be forwarded to the Commissioner for favour of remarks and that the applicants be informed accordingly :—Memorandum No. 3888, dated 13th instant, from the Municipal Secretary, forwarding petition addressed to the Corporation, by Mr. G. M. Munshi and others, complaining of the storage of dealwood boxes in Khoka Street."

No. 3909. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 8793, dated this day, and subject to the approval of the Corporation, under Section 133 of the Act, sanction be given to the transfer of Rs. 792, from savings in Fire Brigade, Section I, establishment, to same head, rent, repairs and miscellaneous, to meet the cost of increased rent of the Parel manual engine station, rent allowed to the Foreman and the Engi-

* *See* Appendix **C.** † *See* Appendix **E.**

neer, Colaba, and rent of quarters provided for native staff, Paidhoni, from July to September 1891."

No. 3910. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8671, dated 14th instant, sanction be given, under Section 172 of the Act, to the charging of Halalkhor tax at the special rate of Rs. 47-4-6, for service rendered to Cavalry escort of H. E. the Commander-in-Chief on the south side of the Wodehouse Road near the Cooperage, from 21st February to 8th March last."

No. 3911. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8668, dated 14th instant, sanction be given to the payment of Rs. 6-0-8, to Messrs. Menesse and Bhicoo Dewjee as overtime (night-work) for supervising the construction of the storm-water drain at Colaba Causeway. The amount to be met out of the contingent provision of the grant for the construction of the drain."

No. 3912. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 8654, dated 14th instant, sanction be given to the payment of Rs. 6-14-0, to mason Kesow Bapoo employed on the construction of the storm-water drain near the Apollo Basin, being the amount of full wages for 10 days, from the 3rd to 12th ultimo, at annas 11 per day, whilst he was under medical treatment for injuries received while on duty. The amount to be met from the grant for contingencies for the work."

No. 3913. *Resolved*: "That the following *be recorded*:—Memorandum No. 8785, dated 14th instant, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000—(1) of Rs. 1,00,00 from the surplus cash deposit account to the Municipal general fund pass book, on the 18th July 1891, and (2) of Rs. 50,000 from ditto, to ditto, on the 10th idem."

No. 3914. The Commissioner informed the meeting that Messrs. Glover & Co., the contractors for the Tansa Dam Works, have accepted the sum of Rs. 1,25,000 in full satisfaction of their claims for extra payments on account of the construction of the dam works and the roadway, from 'Atgaon Station to Tansa, as sanctioned by the Committee's Resolution No. 3638, dated 8th instant.

BOMBAY, 22*nd July* 1891.

AT the Meeting of the Standing Committee held this day, there were present :

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; E. B. CARROLL, Esq., M.I.C.E. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

On the motion of Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram, Colonel Wilson was voted to the chair.

The minutes of the meeting held on the 15th instant, were signed.

No. 4168. The seal of the Corporation was affixed (1) to deed of agreement (in duplicate) between Mr. Mamoojee Jiwajee and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Nos. 112-114, Chimna Butcher Street, without payment of any compensation in respect of the unauthorised work, indicated on the plan annexed to the deed, and at the rate of Rs. 6 per square yard, for any land shown on the plan and scored in red lines, to be there taken up from the said Mamoojee Jiwajee, inclusive of any loss, damage or expense sustained by him by reason of such acquisition ; (2) to deed of contract with Messrs. Richardson & Cruddas, for the supply of castings for manholes, cast-iron pipes and sundry fittings for house connections and cast-iron and zinc ventilating shafts for drainage works in the Agripada District ; (3) to ditto with Messrs. Suggajee Ramjee and Tukaram Dajee for cultivating the reclaimed ground at Tardeo ; and (4) to ditto with ditto for cultivating the Municipal reclaimed ground at Coorla.

The seal of the Corporation was also affixed to 1 attested duplicate debenture of the Drainage Loan of 1878, No. 1386 of Rs. 500.

No. 4169. *Resolved* : " That, as applied for by the Commissioner, in his memoranda, No. 9118, dated 8th instant, and Nos. 9301 and 9302, dated 21st idem, sanction be given, under section 351 (2) of the Municipal Act, to

the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Moossa Mapla ... ... | ... No. 446, Mori Road. |
| „ Rampursad Subedar ... | ... Building at Bapty Road. |
| „ Khoodabux Tukaram Gunoojee. | Do. at Wari Bandar Road. |

No. 4170. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 9429, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 4171. *Resolved* : " That the following be *recorded*:—Letter No. 8908, dated 15th instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 2010, dated 20th May last, that, although silt from the channel has been deposited on the banks of the main drain, Mr. Lakshmon Rumdu, to whom the right of cutting grass from the sides of the said drain was sold, desires to retain the right on the old terms and he has been allowed to do so."

No. 4172. *Resolved* : " That the following be *recorded*:—Letter No. 8972, dated 16th instant, from the Commissioner, reporting that he has entrusted the work of filling up slots in street drainage manholes and lamphole covers to Messrs. Richardson & Cruddas, at a cost of Rs. 3,750, which can be met out of the budget grant of Rs. 4,000 for the work."

No. 4173. *Resolved* : " That the following be *recorded* :—Letter No. 9072, dated 17th instant, from the Commissioner, reporting that he has sanctioned the purchase of 5 sluice valves from Messrs. Richardson & Cruddas, at a total cost of Rs. 2,540. Stating that these valves are required for connecting the 48" Tansa main with the existing Vehar and Tulsi mains in Bombay. The amount to be met out of the provision of Rs. 40 lakhs for pipes, special castings, &c."

No. 4174. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 9104, dated 17th instant, sanction be given, under sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Valubhdas Ranchordas, for the recovery of Rs. 7-12-0, in respect of wheel tax bill No. $\frac{427A}{2671}$ for the quarter ended 31st March 1889."

No. 4175. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 9276, dated 20th instant, sanction be given, under section 172 of the Municipal Act, to the charging of Halalkhor tax, at the special rate of Rs. 34-8-0 per mensem, in respect of the Standard Mills (late Baladina Mills) at Purbadevi Roads, from 15th June 1891."

No. 4176. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 9177, dated 20th instant, sanction be given, under section 305 of the Municipal Act, to written notices being served on the owners of premises fronting or adjoining or abutting the private lane known as Dukerwadi Lane, requiring them to level and metal the same in such manner as the Commissioner shall direct."

No. 4177. *Resolved* : "That the following be *recorded* :—Memorandum No. 8960, dated 16th instant, from the Commissioner, forwarding a statement of houses or portions of houses which fell during the month of June 1891 :—17th, stable, in Girgam, belonging to Hadji Mahomed Hadji Joosab Esmail. The fall was owing to the horses being constantly tethered to the posts. 2 horses were killed and 7 carriages injured. The estimated damage was Rs. 2,000. 23rd, firewood shed, in Duncan Road, belonging to Hadji Mahomed Abba. The shed fell as the rafters were decayed. The damage was estimated at Rs. 100."

Considered the following :—

No. 1325 of 1891-92.

To THE COMMISSIONER.

BOMBAY, 14*th July* 1891.

SIR,—I have the honour to forward for transmission to the Standing Committee a quarterly return for the quarter ending 27th June 1891 as compared with the corresponding quarter for the previous year, as required by the Town Council Resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

2. The revenue of the past year has been about 4½ lakhs more than the Budget estimate and there have been considerable savings in expenditure. The exact amount of the surplus cash balance can, however, be stated in about a month's time, when the accounts of the past year are finally closed.—I have, &c.,

SORABJI NAVAROJI COOPER, Chief Accountant.

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No. 8957 of 16th July 1891.

Forwarded to the Standing Committee for information.

H. A. ACWORTH, Commissioner.

## ACCOUNT OF THE BOMBAY MUNICIPALITY

as compared with that for the Quarter

| | Budget Estimate. | Quarter ending 28th June 1890. | Quarter ending 27th June 1891. |
|---|---|---|---|
| **RECEIPTS.** | Rs. a. p | Rs. a. p. | Rs. a. p. |
| *Balance on 1st April* 1891 .. | 4,30,000 0 0 | 3,09,274 15 8 | 3,30,157 11 7 |
| General Tax ... ... ... | 17,38,800 0 0 | 4,68,168 5 11 | 5,33,244 10 0 |
| Water Works Revenue (including Water Tax) ... | 12,20,760 0 0 | 2,26,416 8 1 | 2,64,769 7 9 |
| Wheel Tax and Tolls ... | 3,09,700 0 0 | 87,325 14 6 | 74,508 6 0 |
| Halalkhor Tax ... ... | 5,48,000 0 0 | 1,30,732 7 11 | 1,61,106 2 6 |
| Duties, Town... ... ... | 9,00,000 0 0 | 2,56,696 9 7 | 3,86,719 3 5 |
| Licenses ... ... ... | 63,750 0 0 | 14,404 6 0 | 23,569 2 0 |
| Receipts from Govt. for Liquor Licenses. | 1,43,750 0 0 | 1,43,750 0 0 | 1,43,750 0 0 |
| ,, Tobacco Duty... | 1,67,800 0 0 | 51,290 0 0 | 52,709 14 0 |
| Market Receipts ... ... | 3,47,380 0 0 | 73,105 9 7 | 76,941 3 5 |
| Miscellaneous Fees ... ... | 45,400 0 0 | 9,677 10 8 | 9,634 13 11 |
| ,, Fines and Penalties... | 7,000 0 0 | 1,811 9 4 | 2,134 11 5 |
| ,, Receipts ... | 1,01,135 0 0 | 27,644 13 11 | 29,025 10 8 |
| ,, Savings ... | 3,000 0 0 | 1,234 10 11 | 1,863 12 9 |
| Public Gardens ... ... | 6,000 0 0 | 2,573 10 0 | 2,611 10 9 |
| Contribution from Municipal servants towards Pension, &c., Fund ... ... | 14,000 0 0 | 3,376 12 5 | 3,351 14 9 |
| Tramway Rent ... ... | 36,200 0 0 | 18,096 1 11 | 18,096 1 11 |
| Workshops Recoveries ... | 1,40,000 0 0 | 177 13 1 | 581 2 4 |
| Interest and Profit on Investments ... ... ... | 1,17,000 0 0 | 54,483 6 0 | 7,702 12 0 |
| | 59,09,675 0 0 | 15,69,966 5 10 | 17,88,593 2 1 |
| Debt ... ... ... ... | ..... | 1,58,285 0 0 | 4,000 0 0 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 13,00,862 8 0 | 9,78,100 0 0 |
| Advances ... ... ... | ..... | 4,54,932 13 8 | 1,08,949 4 3 |
| Deposits ... ... ... | ..... | 72,970 7 9 | 77,235 9 1 |
| Rupees ... | 59,09,675 0 0 | 35,57,017 3 3 | 29,56,877 15 5 |
| Total Rupees... | 63,39,675 0 0 | 38,66,292 2 11 | 32,87,035 11 0 |

## FOR THE QUARTER ENDING 27TH JUNE 1891, ending 28TH JUNE 1890.

| | Budget Estimate. | Quarter ending 28th June 1890. | Quarter ending 27th June 1891. |
|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,81,676 0 0 | 46,976 14 9 | 41,182 11 2 |
| Assessment and Collection Department ... ... | 2,30,480 0 0 | 42,482 3 6 | 50,530 8 0 |
| Fire Brigade... ... ... | 1,44,800 0 0 | 16,760 2 0 | 15,356 2 0 |
| Public Gardens ... ... | 80,739 0 0 | 68,817 13 4 | 10,288 5 6 |
| Public Works. General Supervision Estt. (including Workshops) ... ... ... | 1,80,708 0 0 | 30,543 13 3 | 21,957 14 1 |
| Drainage ... ... | 1,83,141 0 0 | 51,544 8 2 | 47,052 8 3 |
| Water Works ... ... | 2,08,642 0 0 | †15,48,246 7 1 | †10,85,472 15 3 |
| Streets and Buildings Inspection and Supervision Estt. ... ... | 85,278 0 0 | 14,759 14 2 | 20,366 10 1 |
| Public Lighting ... | 3,69,715 0 0 | 71,987 0 1 | 74,680 2 1 |
| Road Watering... ... | 93,270 0 0 | 8,044 15 0 | 22,358 5 3 |
| Road Repairs and Maintenance ... ... | 4,65,872 0 0 | 38,402 7 5 | 43,837 2 3 |
| Street Improvements ... | 1,05,030 0 0 | 3,696 12 5 | 15,574 1 5 |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 37,642 0 0 | ..... | ..... |
| Health Department... ... | 14,26,279 0 0 | 2,55,373 11 6 | 2,60,014 13 5 |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 1,45,608 0 0 | 30,879 3 0 | 40,593 15 6 |
| Police Charges ... ... | 2,58,289 0 0 | 64,571 5 9 | 64,571 5 9 |
| Education (including Veterinary College, &c.) ... | 83,680 0 0 | 18,436 15 10 | 23,260 10 0 |
| New Works and Reserve Funds ... ... ... | 69,270 0 0 | 35,723 3 1 | ‡ 1,68,798 7 9 |
| Debt ... ... ... ... | 18,08,252 0 0 | 2,80,671 11 9 | 3,59,026 12 2 |
| | 61,58,371 0 0 | 26,29,919 0 1 | 23,64,923 5 11 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 4,47,947 4 0 | 36,210 12 0 |
| Loan Works Accounts ... | ..... | 1,11,159 13 10 | 3,41,142 10 11 |
| Advances ... ... ... | ..... | 4,85,738 14 2 | 1,82,470 7 8 |
| Deposits ... ... ... | ..... | 1,24,814 11 4 | 3,31,416 14 5 |
| Rupees... | 61,58,371 0 0 | 37,99,579 11 5 | 32,56,164 2 11 |
| Balance on 1891 ... | ..... | 66,712 7 6 | 30,871 8 1 |
| Estimated Balance on 31st March 1892... | 1,81,304 0 0 | ..... | ..... |
| Total Rupees... | 63,39,675 0 0 | 38,66,292 2 11 | 32,87,035 11 0 |

Debits deducted.

† Including a net sum of Rs. 15, 2,311-15-3 and Rs. 10,37,573-1-8 paid to date on account of Tansa and other Water Works executed out of Loan Funds and Investment of Surplus Tansa Loan and Improvement Funds.

‡ Includes Rs. 1,51,814-5-6 on account of cost of the New Municipal Office building paid out of the building invested Fund

*Additional Grants sanctioned by the Corporation during the Quarter ending 30th June 1891.*

| No. | Date and Month. | | Amount. | | |
|---|---|---|---|---|---|
| | 1891. | | Rs. | a. | p. |
| 339 | 9th April ... | Grant of Rs.7,928-6-2 from surplus cash balance, being the moiety of the balance of the charges up to 28th February last and the moiety of charges for establishment on account of census during 1891-92 ... ... ... ... ... | 7,928 | 6 | 2 |
| 871 | 20th April ... | Grant of Rs. 2,306-11-3 from surplus cash balance to meet the acting allowances of some persons belonging to different Departments of the Bombay Municipality. ... ... ... | 2,306 | 11 | 3 |
| 1576 | 7th May ... | Grant of Rs. 240 from surplus cash balance to meet the acting allowance of Mr. Manockshah Cowashah from 1st to 30th September 1890 for which time he acted for the Chief Accountant during the absence on privilege leave of Mr. Sorabji Navroji Cooper ... ... ... ... | 240 | 0 | 0 |
| 1759 | 11th May ... | Grant of Rs. 2,956 from surplus cash balance for the construction of a 12″ pipe sewer in extension of the Arthur Road 15″ pipe sewer to the junction of Supari Bag Road and Government House Road ... ... ... ... | 2,956 | 0 | 0 |
| 2212 | 28th May ... | Grant of Rs. 1,200 from surplus cash balance to provide for the cost of insuring for one year the Municipal Office building for Rs. 9,00,000, subject to a reduction or proportionate refund in the premium on the removal of the Novelty Theatre ... ... ... ... ... | 1,200 | 0 | 0 |
| 2750 | 11th June ... | Grant of Rs. 300 from surplus cash balance to provide for the cost of three corridor hand pumps for the present Municipal Office building in case of fire breaking out therein ... | 300 | 0 | 0 |
| 2752 | " ... | Grant of Rs. 880 from surplus cash balance to meet the cost of laying 800 feet of 4″ water main in Dhunji Street between Girgam Back Road and Grant Road (Frere Bridge) for the improvement of the water supply of that locality ... ... ... ... ... ... | 880 | 0 | 0 |
| 2753 | " ... | Grant of Rs. 692 from surplus cash balance to meet the cost of laying the separate 3″ main from Kharshedji Suklaji Street to the Kamathipura Night-soil Depôt for flushing purposes ... ... ... ... ... ... | 692 | 0 | 0 |
| 2755 | " ... | Grant of Rs. 3,350 from surplus cash balance to meet the cost of laying a 4″ main in Parsi Bazar Street, Upper Colaba, for the improvements of water supply of that locality ... | 3,350 | 0 | 0 |
| 2757 | " ... | Grant of Rs. 2,530 from surplus cash balance to the fencing of the Municipal property at Pawai, comprising the engine-house, engine quarters, coal stores, &c., extending to the Vehar Lake Road, and the laying of boundary stones round the remainder of the property.. | 2,530 | 0 | 0 |
| | | Total Rs.... | 22,383 | 1 | 5 |

No. 4178. *Resolved*: "That the following be *recorded* on the minutes of this meeting :—Memorandum No. 8957, dated 16th instant, from the Commissioner, forwarding return of receipts and disbursements for the quarter ending 27th June 1891, together with list of additional grants sanctioned during the quarter."

Considered resolution No. 3717, dated 9th instant, from the Corporation, forwarding the following to the Committee for report :—

No. 2177 OF 1891.

GENERAL DEPARTMENT,
BOMBAY CASTLE, 17*th June* 1891.

To G. COTTON, ESQ.,
President of the Municipal Corporation, Bombay.

SIR,—I am directed to forward herewith a copy of Government Resolution No. 2176 of to-day's date and of the rules accompanying it for favour of any remarks which the Corporation may have to offer on the rules.—I have, &c.,

W. L. HARVEY,
Acting Under-Secretary to Government.

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No. 2176.

GENERAL DEPARTMENT,
BOMBAY CASTLE, 17*th June* 1891.

Letter from the Accountant General, No. O.A.—28190, dated 17th December 1890—Submitting, with reference to Government letter No. 3618, dated 8th September 1890, a set of rules framed by him in consultation with the Examiner of Public Works Accounts for giving effect to the provisions of Rule 10 of the rules framed by the Government of India under Sections 5 and 7 of the Local Authorities Loan Act of 1879 ; and making remarks and suggestions.

Memorandum from the Public Works Department of the Secretariat, No. 557-A., dated 15th April 1891—Retransferring the papers with the reports of the officers consulted in that Department ; and observing as follows :—

"2. In the first part of Rule 1, the words 'Superintending or' might be omitted and 'district' be substituted for 'division' and in the latter part the words 'or Superintending' should be added between 'Chief' and 'Engineer.'

"3. Similarly in Rule 3 'or Superintending' should be added between 'Chief' and 'Engineer' in two places.

"4. Attention is invited to the suggestion by the Chief Engineer, Central Division, that ordinarily inspections shall be made twice instead of once a year, and to that by the Superintending Engineer, N.D., that the accounts shall be kept in such a way as to show the quantities and cost both estimated and actual. Both these suggestions appear reasonable and might be adopted."

Letter from the Accountant General, No. O.A.—4827, dated 15th May 1891:—

"In reply to your endorsement No. 1412, dated the 22nd of April 1891, I have the honour to return the draft rules regarding the accounts of expenditure incurred from loans raised by Local Authorities in the open market amended so as to embody the suggestions of the Public Works Department.

"2. Rules 3 and 4 are new, and have been drafted by the Superintending Engineer, Northern Division, who suggested that Local Authorities should be required to keep an account to show that the progress in construction of the works is commensurate with the outlay charged in the accounts.

"3. I have no remarks to offer on the proposed alterations in the original draft rules."

RESOLUTION.—Copies of the rules as they now stand should be forwarded to the President of the Municipal Corporation of Bombay for favor of any remarks which the Corporation may have to offer. Copies should also be forwarded to the Commissioners of Divisions and in Sind with a request that they will consult a few of the leading Municipalities within their charges as regards the rules and submit the opinions of those Municipalities, together with their own, for the information of Government.

W. L. HARVEY,
Acting Under-Secretary to Government.

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*Accompaniment to Government Resolution No.* 2176, *dated* 17*th June* 1891.

SUBSIDIARY RULES framed by Government with a view to carrying out the provisions of Rule 10 of the rules prescribed by the Government of India for the raising of Loans by Local Authorities in the open market, published at page 17 of the *Bombay Government Gazette*, dated 10th January 1889.

1. It shall be the duty of the Executive Engineer in whose District works are being constructed out of loans raised by Local Authorities in the open market under the Local Authorities Loan Act of 1879, or of any person specially authorized by Government in this behalf to inspect such works and the accounts connected therewith at such intervals as Government or the Chief or Superintending Engineer may direct.

2. Such inspection shall ordinarily be conducted twice a year, and shall be chiefly directed to ascertaining that the quantity and quality of the work executed and the progress made in construction are fairly commensurate with the outlay charged in the accounts.

3. To enable this to be done, each Local Authority shall cause a continuous record of expenditure to be maintained, and posted monthly in the Public Works Department "Register of Works" Form B appended to these rules. The measurements for the month and for the year and up to date must be shown for each item, but corresponding expenditure on items need only

NOTE.—This form and the method of posting will be found at pages 167 to 170, Government of India, Public Works Department, Form Book, Part I. A supply of working forms can be obtained from the Government Central Press.

be given for those works estimated to cost over Rs. 10,000. The expenditure for the work for the month, the expenditure for the year, and the total expenditure should be shown. Columns should be provided for "Materials at site" and for liabilities. With the above information the quantities and cost (calculated on the normal cost system) may, at any time, be compared with the estimate. With the sanction of Government the account forms may be modified, and actual expenditure by items omitted in any special cases in which this is deemed desirable.

NOTE.—A description of the normal cost system is given in Public Works Code, Chapter XII, paragraphs 58 and 102.

4. Important deviations from sanctioned projects should be sanctioned and the estimates amended as far as necessary.

5. Every Inspecting Officer shall furnish the Chief or Superintending Engineer with a brief report of the inspections performed by him with such remarks on the construction and progress of the works as he may deem necessary. The Chief or Superintending Engineer shall bring to the notice of Government any points on which the orders of Government are considered to be necessary.

6. The Accountant General shall be entitled to inspect the accounts of any loan work in progress with a view to ascertaining the correctness of the annual return prescribed in Rule 10. The Accountant General is also authorized to conduct a test audit of the Loan accounts of a Local Authority, in such detail as he may consider necessary, in order to secure the due execution of these rules.

7. In regard to the loan accounts of Local Authorities, whose accounts are subject to an official audit by the Accountant General, the test audit shall be conducted by the Outside Audit Branch of the Accountant General's Office. In all other cases the test audit shall be carried out once a year as the Accountant General may direct, and shall be confined exclusively to the accounts of expenditure from the loan.

8. The Accountant General shall, not later than the 31st of December in each year, certify to Government that he has carried out the audits prescribed in Rules 6 and 7, and shall bring to the notice of Government any points in connection with the expenditure on which it is considered that the orders of Government are required.

9. The foregoing rules apply only to loan works carried out independently of the Public Works Department. For works entrusted to the Public Works Department, the execution, supervision, and audit will continue to be subject to the rules of that Department, as published in the Public Works Code, Volume I, Chapter IX, paragraphs 78 to 82.

10. Each Local Authority, by which works are being constructed out of loans, shall furnish the Accountant General, on or before the 30th of June in each year, with an abstract account in Form A appended to these rules, showing separately for each work under construction out of a loan the expenditure incurred on the work during the preceding official year. This account shall be signed and duly certified as provided in the form by the principal officer of the Local Authority concerned, or by an officer duly authorized in that behalf.

## A.

Municipal Corporation, Port Trust, or Local Board of_____

Abstract of Expenditure up to 31st March 1890 on works under construction from a loan raised under the provisions of the Local Authorities Loan Act XI of 1879 :—

Purpose of Loan _____

Authority for Loan_____

Amount of Loan sanctioned ... ... ...Rs._____

Amount of Loan actually raised on 31st March 1890 ... ... ... ... ... ... ,, _____

*EXPENDITURE.*

| Gross sum expended during previous years up to 31st March 1890. | During the year from 1st April 1889 to 31st March 1890. | Total for the 12 months from 1st April 1889 to 31st March 1890. | Progressive Total up to 31st March 1890. |
|---|---|---|---|
| | April 1889... | | |
| | May ,, ... | | |
| | June ,, ... | | |
| | July ,, ... | | |
| | August ,, ... | | |
| | September ,, ... | | |
| | October ,, ... | | |
| | November ,, ... | | |
| | December ,, ... | | |
| | January 1890... | | |
| | February ,, ... | | |
| | March ,, ... | | |
| | Total...Rs. | | |

I hereby certify that the above is a true abstract of the expenditure incurred on the purpose stated, and that I have duly received and passed vouchers in support thereof.

Certified also that no portion of the amount spent or of the balance of the loan has been diverted to any other purpose and that the balance of the loan Rs._____ is actually in hand or has been advanced for purposes exclusively connected with the works in progress.

**B.**

[P. W. D. Form No. 30A.—Outer Sheet.

_____ DISTRICT. _____ FUND

## REGISTER OF WORKS.

Name of Work—

Authority as to Estimate—

Amount of Estimate—

Authority as to Allotment—

Amount of allotment—

Work commenced on

Names of Engineers and Subordinates by whom the work was supervised and the period of their incumbencies :—

| Names. | From | To |
|---|---|---|
| | | |

Work completed on the_____Completion Report submitted to the Examiner, Public Works Accounts, with this Office No._____dated_____

Accountant. Executive Engineer,
District.

NOTE.—This form will be used for all works costing over Rs. 2,500, whether accounted for according to *actual* or *normal* cost. When used for the latter class of works the blank column immediately preceding "Total value of work done" should be headed "Total Normal Cost."

NAME OF WORK—

| Months, &c. | Quantity. | Amount. | Quantity. | Amount. | Quantity. | Amount. | Quantity. | Amount. |
|---|---|---|---|---|---|---|---|---|
| Estimate... ... | ..... | | | | | | | |
| | Rate... | | | | | | | |
| Expenditure of previous year brought forward | ..... | | | | | | | |
| | Rate... | | | | | | | |
| April 189 ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| May ... ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| June ... ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| July ... ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| August ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| September ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| October ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| November ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| December ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| January ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| February ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| March ... ... ... | Total... | | | | | | | |
| | Rate ... | | | | | | | |
| March (Supplementary)... | Total... | | | | | | | |
| | Rate ... | | | | | | | |

| | | | | Work Expenditure as compared with Cash Expenditure. | | | | |
|---|---|---|---|---|---|---|---|---|
| | Total Value of work done. | Materials at site. | Advances. | Total. | Deduct arrears due. | Total outlay to date from commencement of work. | Total outlay during current year. | Initials of the Executive Engineer and Accountant to transactions of the month. |
| Amount. | Amount. | Amount. | Amount. | Amount. | Amount. | Amount. | Amount. | |

*Explanation of difference or deviations from the sanctioned Estimate* :—

| Item No. | Particulars. |
|---|---|
| | |

Executive Engineer,
_____District.

No. 9150 OF 1891-92.

BOMBAY, 18*th July* 1891.

TO THE MUNICIPAL SECRETARY.

SIR,—With reference to Standing Committee's Resolution No. 5905 of 15th instant, I have the honour to say that the rules forwarded with Government Resolution No. 2176 of 17th ultimo, General Department, will not, I presume, apply to the Municipality of Bombay, as the City of Bombay Municipal Act of 1888, Sections 106–110, regulates its proceedings in regard to loans, and there is no inspection by Government either of our works or accounts. The proposed rules and forms are, however, in themselves excellent, and with alterations to adapt them to the contingency of Municipal control, should certainly be adopted by us.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That, with reference to its resolution No. 3717, dated 9th instant, the Corporation be recommended to inform Government that the draft rules relating to Loan expenditure will not apply to this Municipality, as Sections 106-110 of Bombay Municipal Act, III of 1888, regulate the proceedings of the Corporation in relation to such expenditure, but that the rules and forms in question appear to be excellent and with alterations, it is proposed to adapt them for use within the Municipality."

No. 4179.

*Resolved* : "That the following be laid on the table :—

Letter, dated 14th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai Rastamji Ranina, stating that they have audited the weekly statement of

No. 4180.

receipts and disbursements at the end of each week for the month of June last, and compared them with the ledgers and found them correct. Forwarding summary and statements of their scrutiny of accounts."

No. 4181. *Resolved* : "That the Progress Report of works in progress up to the end of June 1891, be laid on the table and brought on for consideration next week."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi and Tansa Lakes and the Pawai Reservoir for the week ending 19th July 1891.

On the suggestion of Mr. Cowasjee Hormusjee, the Commissioner agreed to submit the Tansa Water returns in future in the same form as the Vehar and Tulsi returns.

No. 4183. *Resolved* : "That, with reference to its Resolution No. 3096, dated 10th July 1890, sanctioning an advance of Rs. 1,825, to be adjusted as afterwards directed, to defray the cost of laying a 12″ pipe drain from the new ornamental water near the Deer Park to the old ornamental water in the Victoria Gardens, the Corporation be now recommended to sanction the adjustment of such amount against the receipts from the admission of visitors to the Gardens."

Considered letter No. 9427, dated this day, to the Secretary, as under :—

SIR,—I have the honour to request sanction of the Standing Committee and Corporation to grant a donation of Rs. 250 to the widow of the late cart-driver Dhurma Chaya, of the Health Department, who met with an accident on the flats on the 11th *ultimo*, while driving his cart.

2. It appears that the pole snapped and capsized the cart on the driver, thereby injuring his back. He was taken to the J. J. Hospital where he remained under treatment until the 18th idem, and was subsequently removed to his residence and died the same day.

3. As the deceased lost his life through an accident when in the discharge of his duties, and was in no way to blame, I strongly recommend that the allowance be paid to his widow who has 4 children.

4. The amount may be met from the grant under pensions and gratuities for the current year.—I have, &c., H. A. ACWORTH, Commissioner.

* See Appendix C.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 9427 of this day's date, the Corporation be recommended to sanction the payment of Rs. 250 to the widow of the late cart-driver, Dhurma Chaya, of the Health Department, who met with death through an accident while in the discharge of his duties.

No. 4184.

"The amount to be met out of the grant for pensions and gratuities for the current year."

*Resolved*: "That the following be *recorded*:—Memorandum No. 9428, of to-day's date, forwarding return of fire as required by section 364 of the Act.

No. 4185.

1 A.M., 14th instant, at Lower Colaba, Gun Carriage Factory. A spark from a forge fell on a wooden box containing dirty waste.

The fire was extinguished by the inmates of the factory with buckets and there was no attendance of the Fire Brigade."

The Commissioner handed in the following papers:—

KHOJA MOHLA, BOMBAY, 17*th July* 1891.

H. A. ACWORTH, Esq.,

Municipal Commissioner, Bombay.

SIR,—My attention was drawn only yesterday to a letter addressed by you to the Secretary of the Standing Committee of the Bombay Municipal Corporation, under date the 8th of May last, and printed and published with the proceedings of that Committee's Meeting, held on the 20th May last. I regret to find that in that letter, while reporting to the Committee on an application from the widow of Mr. Antony Baker, late Chief Inspector of Drains, for compassionate allowance, you have doubted the *bona-fides* of a certificate I had given to Mr. Baker's widow. You say:—"This being Dr. Manser's opinion, I look with very considerable suspicion on Mr. DaGama's certificate, as being more probably than not, an afterthought, conceived as a basis for making a claim on the Municipality." These imputations on my character, as a member of the medical profession, are calculated to harm me in my reputation. I therefore deem it necessary to inform you of all the circumstances under which the certificate in question was given by me. That, I trust, will satisfy you, that the imputations on my professional character and integrity contained in your letter are unwarranted.

I was called to see Mr. Antony Baker on the 22nd of March 1891. He had then been ill for two or three days and had been treated by some other medical practitioners. On the day that I first saw him, I diagnosed his case as one of *acute rheumatism*, and treated it accordingly.

On the 23rd of March 1891, he slightly improved, but on the 24th he was much worse. He became delerious and *large patches*

of *ecchymoses were then seen for the first time on the back, arms and legs.* It was then found necessary to have a consultation, and Dr. Manser was called. Before the consultation, I told Dr. Manser that I had treated the case as one of acute rheumatism. Dr. Manser, after examining the patient, told me that he suspected the man was dying of blood poisoning. I then told Dr. Manser that I also was inclined to take the same view of the case, considering that some cases of septic poisoning presented the symptoms of acute rheumatism for which I had treated Baker, and he had large patches of ecchymoses on the body. The family of Baker was then and there informed, in the presence of Dr. Manser, that he (Dr. Manser) thought it was a case of blood poisoning and that I agreed with him. Mr. Baker died a few hours afterwards.

You will observe, then, that my opinion that it was a case of septic poisoning, was formed at the consultation with Dr. Manser, and before I had any idea that an application would be made for compassionate allowance to the Municipality. That opinion besides was based not only on Dr. Manser's suggestion, but on other circumstances—(1) that some cases of septic poisoning present the symptoms of acute rheumatism, (2) that Mr. Baker was an Inspector of the Drains, (3) that he had large patches of ecchymoses, which were seen on the day of the consultation. Therefore there is no ground whatever for your imputation, that the opinion in the certificate was an after-thought on my part, "conceived as a basis," as you say in your letter, for making a claim on the Municipality.

From the extracts quoted by you from Dr. Manser's letter to you, I observe that, although he begins by saying that he holds "no *very* definite opinion as to the disease from which" Baker suffered, yet he admits that it was he "who suggested that possibly we had to deal with a case of septic poisoning from the inhalation of foul matter from the drains." He also says that I looked upon the case as one of rheumatic fever. This would rather seem to convey the impression that, notwithstanding Dr. Manser's suggestion as to blood poisoning, I still thought it was a case of rheumatic fever, and altered my opinion subsequently, *i.e., at the time and for the purpose of giving the certificate.* This I absolutely deny. My opinion regarding blood poisoning, as I have stated, was formed while in consultation with Dr. Manser. Had the opinion expressed by me in the certificate been an after-thought, as you say, I would not have stultified myself by adding a P. S. in it about Dr. Manser's opinion and thus inviting enquiry as to it.

I may be allowed to mention also here that, during my practice of 19 years I have been very circumspect and conscientious in passing medical certificates, and that I have had the gratification to see my certificates never impugned either in courts of justice or Government offices. In a case before Mr. Justice Scott, a question arose as to whether a sick lady should be examined on Commission. I gave a certificate to the effect, that her state

of health was such that she was not in a condition to go to the court and give her evidence. Dr. Baker, then a professor in the Grant Medical College, certified that, although ill, she *was* in a condition to go to the court and give evidence. Mr. Justice Scott acted on my certificate in preference to that of Dr. Baker.

I have stated all these facts, as I think, and feel that the imputations made in your letter to the Secretary of the Standing Committee cast a slur on my character and integrity, and are calculated to do harm to my professional reputation. I therefore request you to be good enough to withdraw them, now that I have acquainted you with all the facts of the case. I also request you to place this letter before the Standing Committee of the Municipal Corporation of Bombay.—I have, &c., J. ACCACIO DAGAMA, L.M., Bombay.

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No. 9390 OF 21*st July* 1891.

J. ACCACIO DAGAMA, Esq., L.M.

SIR,—I have the honor to say, in reference to your letter to me of 17*th* instant, to which I have given the most careful consideration, that I am unable to withdraw the words of which you complain. Your letter shall be laid before the Standing Committee as you desire.—I have, &c., H. A. ACWORTH.

*Resolved*: "That the papers handed in by the Commissioner with reference to letter from Mr. J. A. DaGama be *recorded* on the minutes of this day's meeting."

No. 4186.

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BOMBAY, 29*th July* 1891.

AT the meeting of the Standing Committee held this day, there were present:—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., C.I.E.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the EXECUTIVE ENGINEER; and the SECRETARY.

On the motion of Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq., E. B. Carroll, Esq., was voted to the chair.

Proposed by E. B. Carroll, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That, in recording the death of Captain Sir Henry Morland, their late Chairman, the Standing Committee desire to express their very deep regret at the loss of a colleague whose services were of so much value to the Municipal institutions of Bombay. His

No. 4362.

long and intimate connexion with the Corporation, the distinguished posts which he had held therein, his wide knowledge of the civic administration and requirements of Bombay, the warm interest displayed by him in matters generally affecting the welfare and progress of the city, no less than his great popularity, placed him in the foremost ranks of Bombay's eminent citizens.

"That, as a mark of respect for his memory, the Committee do now adjourn without proceeding to the transaction of business.

"That a copy of this resolution be forwarded to Lady Morland, with the expression of the Committee's sincere sympathy with herself and children in their heavy affliction."

*Carried.*

The Chairman then adjourned the meeting to Thursday, the 30th instant, at 3-15 p. m.

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BOMBAY, 30*th July* 1891.

AT the adjourned meeting of the Standing Committee held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; E. B. CARROLL, Esq., M.I.C.E.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; COLONEL W. H. WILSON.

" H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

On the motion of Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram, Colonel Wilson was voted to the chair.

The minutes of the meeting held on the 22nd instant, and the record of proceedings of the 29th idem, were signed.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotamdas, Esq.—

"That Mr. E. B. Carroll be appointed Chairman of the Standing Committee, *vice* Captain Sir Henry Morland, deceased."

No. 4526.

*Carried unanimously.*

Mr. Carroll having taken the chair, expressed his thanks for the honor conferred on him by the Committee in thus electing him.

The seal of the Corporation was affixed (1) to deed
No. 4527. of agreement between Mr. Sorabji Dinshaw Supariwalla and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Dadar Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed or of any further work hereafter to be added to the work. In the event of any portion of the land shown upon the said plan and premises being required, the same to be given to the Corporation, free of charge ; (2) to ditto with Mr. Dadu Mia Nur Mahomed securing to the Corporation the right to acquire at any future time the set-back of property situated at Duncan Road, without payment of any compensation in respect of the unauthorized work indicated on the plan annexed to the deed, and at the rate of Rs. 10 per square yard, for any land shown on the plan and scored in red lines to be there taken up from him, inclusive of any loss,&c., sustained by him by reason of such acquisition.

The seal was affixed to 65 Municipal bonds of the 35 lakhs various Sanitary Works Loan, Nos. 6903 to 6967, both inclusive, of the value of Rs. 32,500.

*Resolved* : "That, as applied for by the Commissioner
No. 4528. in his memoranda No. 9300, dated 21st instant, and Nos. 9878, 9879, 9880, 9881, 9882, 9883, 9884 and 9885, dated 27th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Dwarcoo Raghoo ... | ... Building at Wari Bunder Road. |
| „ Raghoo Dhakoo ... | ... „ at Ghorupdeo Road. |
| „ Essoo Laxumon ... | ... „ „ |
| „ Sonoo Laxumon Seogon | ... „ „ |
| „ Jairam Ramji Sowat ... | ... „ „ |
| „ Soodkia Deojee ... | ... „ „ |
| „ Laxumon Dowlatrao ... | ... „ „ |
| „ Laxumon Vittoo ... | ... „ „ |
| „ Pandu Laxumon ... | ... „ „ |

*Resolved* : "That, as applied for by the Commissioner
No. 4529. in his memorandum No. 10172, dated 29th instant, sanction be given to the cutting off of water connections as per list submitted therewith."

Considered letter No. 9706, dated 24th instant, to the Secretary, as under:—

SIR,—With reference to the resolutions of the Standing Committee, Nos. 9276 and 10745, dated 17th December 1890 and 28th January 1891, I have the honour to state that the revised estimates for the Queen's Road and Girgam sewerage works which are based almost entirely on the actual measurements of work completed and in some part upon the estimated quantities of small works still remaining to be done, shew that there is an excess of Rs. 54,858·618 in the work of constructing pipe sewers and branch pipe drains and a saving of Rs. 45,356·536 in the work of fixing cast-iron down-take pipes and fittings and cast-iron and zinc ventilating shafts. The excess is chiefly due to extra work which could not be foreseen and which was undertaken during the progress of the works; the estimated cost of the small works which will be done departmentally is Rs. 5,556·727. I therefore request the sanction of the Standing Committee to the payment of Rs. 54,858·618, partly from the savings of Rs. 45,356·536 above referred to, and partly from contingencies for the works.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

No. 4530. "That, as applied for by the Commissioner in his letter No. 9706, dated 26th instant, sanction be given to the adjustment of the excess of Rs. 54,859 in the work of constructing pipe sewers and branch pipe drains in the Queen's Road and Girgam District, partly against the saving of Rs. 45,356 in the work of fixing cast-iron down-take pipes and fittings and cast-iron and zinc ventilating shafts, and partly against the grant for contingencies for these works."

*Carried.*

No. 4531. *Resolved*: "That, as applied for by the Commissioner in his letter No. 9798, dated 25th instant, the Corporation be recommended to sanction the writing off of Rs. 36-7-2, being the difference between the cost price (Rs. 42-11-2) and the reduced rate of one anna per foot of 100 running feet of 6″ cracked stoneware pipes issued to the Health Department for laying under cutchra deposits and roads on the Flats, for the carrying off of storm-water."

Considered memorandum No. 9317, dated 21st instant, from the Commissioner, to the Secretary, requesting sanction to the writing off of the book value of 30 bullocks that died during the quarter ending 31st May 1891, from the live-stock return of the Health Department, as under:—

No. 10958 of 1891-92.

List showing the losses by mortality, &c., among the Bullocks during the quarter ending 31st May 1891.

| Months | No. of Bullocks and their causes of death. | | | | | | | | | | | | | | | | | | | | | Where died, &c. | | | | | | | | | | | | | | | | | | |

Considered, also, the following :—

No. 34084 of 1890-91.

LIST showing losses by mortality, &c., among the Bullocks during the quarter ending the 28th day of February 1891.

| Months. | Number of Bullocks and their causes of death. | | | | | | | | | | | | | | | | | | Where died, &c. | | | | | | | | Annual percentage of the loss on the whole strength. | Note—There were 1,776 bullocks at the commencement, that is on 3rd January 1890, values of those bullocks is Rs. 1,08,715-9-7 or Rs. 61-4-0 for each bullock. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Old Age and General Debility. | Destroyed. | General Debility. | Disorder of Liver and Lungs. | Heart Disease. | Inflammation of Heart and Lungs. | Congestion of Lungs. | Inflammation of Kidneys. | Liver Disease. | Inflammation of Brain. | Disease of Lungs and General Debility. | Inflammation of Heart and Kidneys. | Total. | Cast bullocks sent to Panjrapol | Grand Total | B. B. Stables. | C. Ward Stable. | B. Ward Stable. | On Rounds. | Bullock Hospital. | Destroyed. | Total. | Grand Total, died, &c. | | | Rs. | a. | p. | |
| December 1890. | 2 | 2 | 2 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | 8 | 90 | 98 | ... | 1 | ... | 1 | 4 | 2 | 8 | 98 | 66·2 | | 6,002 | 8 | ... | |
| January 1891... | ... | ... | ... | ... | 1 | 3 | 1 | 1 | 1 | 1 | 1 | 1 | 9 | ... | 9 | ... | ... | 3 | 1 | 5 | ... | 9 | 9 | 6·08 | | 551 | 4 | ... | |
| February 1891.. | ... | 1 | 2 | ... | ... | 1 | ... | 1 | ... | ... | 1 | 1 | 7 | ... | 7 | 1 | 1 | ... | ... | 4 | 1 | 7 | 7 | 4·07 | | 428 | 12 | ... | |
| Total... | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 2 | 1 | 1 | 2 | 1 | 24 | 90 | 114 | 1 | 2 | 3 | 2 | 13 | 3 | 24 | 114 | 25·66 | | 6,982 | 24 | ... | |

Forwarded to the Municipal Commissioner through the Chief Accountant for favour of obtaining the sanction of the Standing Committee to write off the loss.

BOMBAY, *20th March* 1891.

T. S. WEIR,
Health Officer.

LIST showing the years of purchase of dead Bullocks reported in the annexed statement—

| | | 1877. | 1878. | 1879. | 1880. | 1881. | 1882. | 1883. | 1884. | 1885. | 1886. | 1887. | 1888. | 1889. | 1890. | Total. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dec. 1890. | Old Age and General Debility | | | | 1 | | | | 1 | | | | | | | 2 |
| | Destroyed | | | | 1 | | | 1 | | | | | | | | 2 |
| | General Debility | | | | | | | | | | 1 | | | 1 | | 2 |
| | Disorder of Liver and Lungs | | | | | | 1 | | | | | | | | | 1 |
| | Cast Bullocks sent to Pinjrapole. | 1 | 1 | 9 | 16 | 11 | 15 | 20 | 6 | 9 | 1 | 1 | | | | 90 |
| | Heart Disease | | | | | | | | | | | | | 1 | | 1 |
| January 1891. | Heart Disease | | | | | | | | | | | | 1 | | | 1 |
| | Inflammation of Heart and Lungs | | | | | | | 1 | 1 | | | | 1 | | | 3 |
| | Congestion of Lungs | | | | | | | | | | | | | | 1 | 1 |
| | Inflammation of Kidneys | | | | | | | | | | | 1 | | | | 1 |
| | Liver Disease | | | | | | | | | | | 1 | | | | 1 |
| | Inflammation of Brain | | | | | | | | 1 | | | | | | | 1 |
| | Disease of Lungs and General Debility | | | | | | | | 1 | | | | | | | 1 |
| February 1891. | Destroyed | | | | | | | | | | | | 1 | | | 1 |
| | General Debility | | | | | | | | | 1 | | | | 1 | | 2 |
| | Inflammation of Heart and Lungs | | | | | | | | | | | 1 | | | | 1 |
| | Inflammation of Kidneys | | | | | | | | | | | | | 1 | | 1 |
| | Disease of Lungs and General Debility | | | | | | | | | | | | | | 1 | 1 |
| | Inflammation of Heart and Kidneys | | | | | | | | | | | 1 | | | | 1 |
| | Total... | 1 | 1 | 9 | 18 | 11 | 15 | 23 | 10 | 10 | 2 | 5 | 3 | 4 | 2 | 114 |

T. S. WEIR,
Health Officer.

BOMBAY, 20*th March* 1891.

Memorandum No. 13172, dated 17th July 1891, to the Commissioner :—

The question now only refers to one portion of the resolution come to by the Corporation in May 1889. That resolution was to this effect—

1. That the pay of the Veterinary Inspector be increased.
2. That an Assistant Veterinary Inspector from the Veterinary College be appointed, as his Assistant, "would be desirable and prove economical."
3. That a certain proportion of the bullocks receive an increased grain allowance.

All these proposals have been adopted. From the 1st March 1890, 15 per cent. of the bullocks have been given an increased grain allowance of 3 lbs. per pair per day. 3 lbs. of grain per pair of bullocks is equal to an expenditure of Rs. 3-5-3½ per month, while the average price of each pair of bullocks is Rs. 135,

the effect of the additional food has been favourable. In connection with food it is necessary to remember to use the words of a previous report of mine: "It is not to be expected that any ration, however "liberal, will enable bullocks to escape the decay inseparable from "the advance of age, or to work beyond the natural working years "of life." If there is to be any further expenditure in improving the bullock transport of this deparment, it should be in the following directions:—(*a*) Larger reserve of bullocks and more rest; the reserve is nominally 20 per cent., but it is never so much. This is not enough, for the work of the bullocks is and must be without intermission. (*b*) A better type of bullock. Since the famine of 1886 and the Afghan War in the following years there has been much difficulty in obtaining well-bred, well-formed bullocks. In the bullocks plying for hire in this city a great deterioration may be noticed. The great deterioration is in the formation of the feet. Unless bullocks have normally shaped feet, they are not capable of working continuously on our hard roads. The time is coming when the Municipality should make a representation to Government on the improvement of draft cattle in the country.—T. S. WEIR, Health Officer.

COMPARATIVE STATEMENT of mortality of the live-stock of the Health Department, together with the number consigned to the Pinjrapole during 1888-89, 1889-90, and 1890-91.

| Quarters. | 1888-89. | | 1889-90. | | 1890-91 | | REMARKS. |
|---|---|---|---|---|---|---|---|
| | No. of bullocks died, &c. | No. of cast bullocks sent to Pinjrapole. | No. of bullocks died, &c. | No. of cast bullocks sent to Pinjrapole. | No. of bullocks died, &c. | No. of cast bullocks sent to Pinjrapole. | |
| Quarter ending May. | 26 | ... | 8 | ... | 14 | ... | |
| Do. Aug. | 21 | 1 | 19 | ... | 19 | 65 | |
| Do. Nov. | 23 | ... | 16 | 70 | 21 | ... | |
| Do. Feb. | 23 | 82 | 24 | ... | 24 | 90 | |
| Total... | 93 | 83 | 67 | 70 | 78 | 155 | |

18*th July* 1891.

T. S. WEIR,
Health Officer.

Memorandum No. 9312, dated 21st July 1891, as under:—

Forwarded to the Municipal Secretary with reference to the Standing Committee's Resolution No. 1121 of the 29th April 1891.—H. A. ACWORTH, Commissioner.

*Resolved* : "That the consideration of memoranda
No. 4532. Nos. 9317 and 9312, dated 21st instant, from the Commissioner, be postponed till next week."

Considered letter No. 9563, dated 23rd instant, to the Secretary, as under :—

SIR,—I have the honour to state that the Executive Engineer reports that very great difficulty is experienced by his Department in obtaining good bricks suitable for our drainage and other Departmental works in which bricks of superior class uniform in size and well burnt are required. To ensure a supply of good bricks, at all times, for our works, it is desirable to buy and keep a stock of a sufficiently large number of bricks just as we at present keep in stock cast-iron and stoneware pipes and fittings and cement for the purpose of carrying on sewerage works. I, therefore, request the sanction of the Standing Committee and Corporation to an expenditure of Rs.20,000, from surplus cash balance, as an advance to meet the cost of purchasing ten lakhs of bricks of the quality required by us from the makers direct.

The amount will be adjusted by debit to works executed out of Loan Funds or current revenue, as the case may be.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Mulji B. Barbhaya, Esq., seconded by Hurkisondas Nurrotumdas, Esq.—

"That, as applied for by the Commissioner, in his letter
No. 4533. No. 9563, dated 23rd instant, and under the circumstances reported by him, the Corporation be recommended to sanction an advance of Rs.20,000, from surplus cash balance, to meet the cost of purchasing ten lakhs of the best bricks suitable for drainage and other departmental works from the makers direct. The amount to be hereafter adjusted by debit to works executed either out of Loan Funds or current revenue as the case may be."

*Carried.*

*Resolved* : "That, as applied for by the Commissioner,
No. 4534. in his memorandum No. 9889, dated 27th instant, and in place of the resolution of the Town Council, No. 2455, dated 7th March 1888, sanctioning payment to Mr. Dongersee Gangajee, at the rate of Rs. 75 per square yard for the 14·97 yards, or thereabout, of ground, taken up for the improvement of Musjid Bunder Road, sanction be given to the payment of such money to Mr. Lalji Dongersee Gangajee."

*Resolved* : "That, as recommended by the Commissioner,
No. 4535. in his memorandum No. 9535, dated 23rd instant, sanction be given to the payment of

Rs. 810-13-4, as compassionate allowance, to the widow of the late Mr. Ramchrisna Balal Kane, clerk in the Chief Accountant's Office, who died on the 26th June last. The amount to be met out of the current year's grant for pensions and gratuities."

No. 4536. *Resolved* : "That, as recommended by the Commissioner, in his memorandum No. 9651, dated 24th instant, sanction be given to the payment of a monthly pension of Rs. 6-7-11 to Syed Ahmed, late Sub-Inspector, Bandora Slaughter Houses, from 20th March 1891."

No. 4537. *Resolved* : "That the following be *recorded* :—Memorandum No. 9777, dated 25th instant, from the Commissioner, forwarding, with reference to the Standing Committee's Resolution No. 3900, dated 15th idem, copy of Government Resolution No. 4994, dated 21st July, sanctioning the filling in of the low-lying piece of Government ground in rear of the Victoria Jubilee Technical Institute at a cost of Rs. 10,357."

No. 4538. *Resolved* : "That, in reply to their letter, dated 28th April last, Mr. Jehangir Pestonjee Khambatta and others be informed that Government has sanctioned the filling in of its plot of low-lying ground, situate to the rear of the Technical Institute."

No. 4539. *Resolved* : "That the following be *recorded* :—Letter No. 9797, dated 15th instant, from the Commissioner, reporting that he has sold the right of cutting grass this season from the vacant land taken up for the extension of the Victoria Gardens to one Mr. Narayen Vithoba for Rs. 255."

No. 4540. *Resolved* : "That the Corporation be recommended to inform Mr. Noor Mahomed Gangaji, in reply to his petition, dated 27th May last, that action has been taken in the matter of melting tallow and fat by one Khoja Shamji Moola in Tandel Street, that the Magistrate has allowed Shamji Moola time till the 21st August next to vacate the premises, and that the dangerous portion of the building has now been pulled down."

No. 4541. *Resolved* : "That the following be forwarded to the Commissioner for favour of report and that the applicants be informed accordingly:—Petition, dated 24th instant, to the Corporation from inhabitants of Duker Gully, complaining that the Municipal water does not rise to the second and third floors of houses

there, asking that the gully be kept in good condition by the Municipality, and more lamps provided, and that the milch cattle stable may be removed on account of its dangerous and dilapidated condition, and the nuisance which it creates."

Considered the Progress Reports, up to the end of June 1891, of new works now in course of construction.*

*Resolved*: "That the Progress Report of works in progress up to the end of June 1891, be *recorded*." No. 4542.

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel Merewether—

"That, as applied for by the Commissioner, in his memorandum No. 9959, dated 28th July 1891, and in order to provide for heavy additional payments on account of half-yearly instalments of principal and interest on loans, and payment of Rs. 1,25,000 to Messrs. Glover in final settlement of their claims, &c., sanction be given to the transfer of Rs. 3,00,000 additional from Reserve Funds to the Municipal General Fund Pass Book. No. 4543.

"That, as in each July similar heavy payments will have to be made to Government for capital and interest on the Consolidated Loan, and payments for interest on other Loans will have to be made to the public, the limit of transfers in each July be fixed at eight lakhs, as was sanctioned by the Committee's Resolution No. 7073 of 19th February 1890, in reference to the monthly transfers from January to June in each year."

*Carried.*

*Resolved*: "That the Corporation be recommended to inform Mr. Srikrishna Vasudeo Daradher and others, in reply to their petition, dated 30th March last, that the Health Officer reports that the Milch Cattle Stable in Khetwadi complained of is kept in a fair condition. If the petitioners suffer from noises from the stable, they can prosecute the owner thereof." No. 4544.

The following statement† was laid on the table:—

Statement of the height of water in the Vehar, Tulsi and Tansa Lakes and the Pawai Reservoir for the week ending 26th July 1891.

*Resolved*: "That the following be *recorded*:—Letter No. 10170, dated 29th instant, from the Commissioner, reporting that he has sold the right No. 4545.

* See Appendix D. † See Appendix C.

of cutting grass, taking leaves from date trees, &c., as per the following statement, for 1891-92 :—

| No. | Names of places. | Nature of right. | Name of highest bidder. | Prices realized for 1890-91. | | | Amount of highest bid for 1891-92. | | | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Rs. | a. | p. | Rs. | a. | p. | |
| 1 | Municipal land at Vehar. | For cutting grass... | Shapurji Pestanj Gindivalee. | 250 | 0 | 0 | 400 | 0 | 0 | About 150 acres. |
| 2 | Do. at Tulsi. | Do. ... | Do. ... | 45 | 0 | 0 | 40 | 0 | 0 | Area unknown; patches here and there in jungle. |
| 3 | Municipal land at Vehar to Bandora. | Do. ... | Nur Mahomed Nanji. | 42 | 0 | 0 | 42 | 0 | 0 | A strip 50 feet wide, but also occupied by pipe and footpath. |
| 4 | Municipal land at Bandora to Mahalukshmi. | Do. ... | Ahmed Haji Ibrahim | 50 | 0 | 0 | 99 | 0 | 0 | A strip 50 feet wide, but partly taken up for pipe and road. |
| 5 | Municipal land at Vehar to Kurla. | Do. ... | Nur Mahomed Nanji. | 50 | 0 | 0 | 50 | 0 | 0 | A strip 25 feet wide, but also occupied by pipe and footpath. |
| 6 | Municipal land at Bhandarwada Reservoir. | Do. ... | Rakhmabai ... ... | 28 | 0 | 0 | 30 | 0 | 0 | About an acre of embankment. |
| 7 | Municipal land at Malabar Hill Reservoir. | Do. ... | Lakshman Rama ... | 20 | 0 | 0 | 12 | 0 | 0 | About an acre of rough ground below Reservoir. |
| 8 | Municipal land at Pawai, | Removing leaves from trees. | Rukma Amruta ... | 40 | 0 | 0 | 53 | 0 | 0 | About 2,500 trees. |
| 9 | Municipal land at Pawai, Vehar and Tulsi. | Do. ... | Shapurji Pestanji Gindiwala. | 97 | 14 | 0 | 100 | 0 | 0 | About 1,448 palm trees. |
| 10 | Municipal land at Pawai. | Plucking tamarind and guava fruits. | Shivnarayan Shanker | 35 | 0 | 0 | 26 | 0 | 0 | |
| | | | Total Rs. ... | 657 | 14 | 0 | 752 | 0 | 0 | |

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 10213, dated this day, and in lieu of the rate (Rs. 41-8-0 per mensem) sanctioned by the Committee in their resolution No. 13528, dated 24th March last, sanction be now given, under section 172 of the Municipal Act, to the charging of halalkhor tax at the special rate of Rs. 55-14-0 per mensem from 1st June last, in respect of the City of Bombay Mill."

No. 4546.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 10214, dated this day, and in lieu of the rate of Rs. 25 per square yard fixed by the Town Council in their resolution, No. 1844, dated 13th June 1888, sanction be now given, as a special case, to the payment at the rate of Rs. 50 per yard for the 13·79 yards of land, or thereabout, taken up from Mr. Chatoorbhooj Moorarji for the improvement of Agiary Street."

No. 4547.

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BOMBAY, *5th August* 1891.

AT the Meeting of the Standing Committee, held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., Chairman.

ABDALLA M. DHARAMSI, Esq.; B.A., LL.B.; COWASJEE HORMUSJEE, Esq. G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NUR ROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

The minutes of the meeting held on the 30th ultimo, were signed.

The seal of the Corporation was affixed (1) to deed of agreement between Bai Jankibai and the Corporation, securing to the Corporation the right to acquire after the period of five years the set-back of property, situated at Kamathipura 1st Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, or of the ground within the regular line or for the superstructure, both old and new. In the event of any portion of the land shown upon the said plan being required, the same to be given to the Corporation free of charge ; and (2) to lease of chawl and stable situated at Kamathipura 2nd Street, occupied by the Health Department.

No. 4868.

*Resolved*: "That, as applied for by the Commissioner in his memoranda Nos. 10091 and 10092, dated 29th ultimo, and Nos. 10396, 10397, 10398, 10399, 10400, 10401, 10402, 10403, 10404, 10405, 10406, 10407, 10408, 10409, 10410, 10411, 10412, 10413, 10414, dated 1st instant, and Nos. 10639, 10640, 10641, 10642, and 10643, dated 4th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures, built without permission :—

No. 4869.

| Names of Owners. | Where. |
|---|---|
| Mr. Meeyasab Camoodin ... ... | No. 9, Kamathipura 12th Street. |
| „ Gungadas Tulsidas, on behalf of the representatives of the late Sir Mungaldas Nathoobhoy.. | Building at Khetwadi Main Rd. |
| Dr. Nadershah Sukhia ... ... | „ at Girgam Road. |
| Mr. Goodajee Hari... ... ... | „ at Parel Govt. House Rd. |
| Haji Hamed Hajee Hassan Nurani | „ at Sivri Jakeria Bunder Road. |
| Do. do. | „ „ |
| Shaik Abdalla Babun ... ... | „ at Parel Chawl Road. |
| Mr. Bhagwandas Pragjee ... ... | „ at Elphinstone Road. |
| „ Luxumon Harkujee ... ... | „ at Dhakti Sivri. |
| „ Manglaya Zawraya ... ... | „ „ |
| „ Allujee Govrojee ... ... | „ „ |
| „ Narayen Ramjee ... ... | „ „ |
| „ Ramjee Sukat Gawallee ... | „ „ |
| „ Dadu Thakur ... ... | „ „ |
| „ Kasinath Narayen ... ... | „ „ |
| „ Luxumon Ganu ... ... | „ at Bhoiwada Village. |
| „ Vamon Balajee ... ... | „ at Dhakti Sivri. |
| „ Bhagia Ramji ... ... | „ at Bhoiwada Village. |
| „ Laxumon Govind ... ... | „ „ |
| „ Pama Kanu ... ... | „ „ |
| „ Mahadu Gunajee ... ... | „ „ |
| The representative of the late Mr. Cowasjee Framjee Sethna ... | „ at Naigam Road. |
| Mr. Pandu Kanu ... ... ... | „ at Bhoiwada Village. |
| „ Bhicajee Gopal ... ... | „ at Parel Tank Road. |
| Bai Motlibai Wadia ... ... | „ at Parel Government House Road. |
| Mr. Ramjee Khatao ... ... | „ at Parel Chawl Road." |

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 10865, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 4870.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 10415, dated 1st instant, and in place of the resolution of the Town Council, No. 693, dated 10th March 1882, sanctioning payment to Mr. Bhimraj Poway, at the rate of Rs. 20 per square yard for the 6·25 yards or thereabout of ground taken up at Bhoiwada 2nd Street, sanction be now given to the payment of such amount to Bai Suddi, wife of Bhimraj Pudmalji."

No. 4871.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 10552, dated 3rd instant, and in place of the resolution of the Town Council, No. 211, dated 12th May 1886, sanctioning payment to Mr. Nathoo Lalji at the rate of Rs. 5 per square yard for the 9·5 yards of land taken up at No. 25, Kamathipura 11th Street, sanction be now given to the payment of such amount to Mr. Elappa Poshati."

No. 4872.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 9967, dated 28th ultimo, sanction be given, under section 230 of the Municipal Act, to an order in writing being issued to Mr. Varjiwandas Madhowdas, authorising him to lay a drain for his premises in Fanaswadi Lane into, through or under, the land belonging or alleged to belong to Mr. Moreshwar Gunputrao Zaoba, to the Municipal sewer thereat."

No. 4873.

Considered the following letter, No. 1544 of 1891-92, to the Commissioner, dated Bombay, 4th August 1891 :—

SIR,—With reference to the Standing Committee's resolution No. 9, dated 1st April 1891, I have the honour to forward the accompanying two lists, A and B, showing the grants for the past official year, payable out of current revenue and loan funds respectively, which remained unexpended before the close of that year, but which will probably have to be spent during the current year, and to request the favour of your obtaining formal sanction of the above body to the renewal of the same.

2. From List A it will be observed that the liabilities payable during 1891-92 out of current revenue aggregate Rs. 5,49,481-8-7 against the lapsed grants amounting in all to Rs 6,80,446-0-3, the saving of Rs. 1,30,964-7-8 has helped to increase our surplus cash balance.

3. It will also be seen from List A that the unexpended balances of the advances sanctioned during the past year for certain extra works undertaken at the Municipal Workshops, for the improvement and extension of the Victoria Gardens and for filling in a portion of the Sewri Cemetery which require to be renewed during the current year, amount to Rs. 33,858-8-5.

4. I further beg to state that, in addition to the lapsed grant, aggregating Rs. 15,852-11-10 on account of the maintenance of the Victoria Gardens, as shown in List A there was a further sum of Rs. 9,127-9-5 available out of the Garden receipts for the past year on account of admission fees, sale-proceeds of plants, donations, &c., which have been credited to the Garden Fund as decided in the Corporation's Resolution No. 7057, dated 17th February 1890.

5. Sanction of the Standing Committee and Corporation will be required to the sum being expended during the current year on such improvement works at the Gardens as you may consider necessary.

6. The lapsed grants payable out of loan funds aggregate Rs. 22,10,934-9-1 as per List B.—I have, &c.,

SORABJI NAVAROJI COOPER,
Chief Accountant.

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No. 10804 of 5th August 1891.

Forwarded to the Standing Committee for favour of sanction.

H. A. ACWORTH, Commissioner.

A.

List of lapsed Grants for 1890-91 (payable out of Current Revenue), which require to be renewed during 1891-92.

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | Remarks. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| *Corporation and Standing Committee's Establishment.* | | | | | | |
| Section IV.—Contingencies, Stationery, Printing, &c.—For cost of printing the Report by the Committee in connection with the enquiry into the frauds by Jamsetji Muncherji Hakim, and the evidence taken by the Committee, and for other printing charges ... ... ... | | 2,477 5 7 | | 1,073 13 9 | 1,403 7 10 | Bills not received during 1890-91. |
| *Assessment and Collection Department.* | | | | | | |
| Fee payable to Mr. Stevens for revising the assessment of buildings and lands vesting in Her Majesty ... ... ... ... ... | | 2,500 0 0 | | 2,500 0 0 | | The revision was not completed at the end of the year. |
| *Drainage A, Miscellaneous Drainage.* | | | | | | |
| Section II.—Inspecting Manholes and Sewers and cleaning Miscellaneous Drains and Gutter Establishment. For cost of 2 hand trucks and for Stores supplied ... ... | 6,802 0 8 | | 327 12 10 | | | Bills not yet received. |
| , III.—Repairing and altering Miscellaneous Drains and Gutters and Chowkies. For completing repairs undertaken or sanctioned during 1890-91 ... ... ... | 2,976 0 0 | | 2,036 12 11 | | | Works not completed. |

| | | | | | | |
|---|---|---|---|---|---|---|
| „ IV.—Contingencies, Stationery, Printing, &c. For books ordered out from England ... ... ... | 171 10 8 | | 29 4 0 | | | |
| „ VIII.—Altering Sewer arrangement in Falkland Road ... ... ... | 9,413 6 6 | 19,363 1 10 | 9,413 6 6 | 11,807 4 3 | 7,555 13 7 | Work in progress. |
| *B.—Maintenance of Love Grove Pumping Station.* | | | | | | |
| Section III.—Repairs to Machinery. For completing the repairs undertaken during 1890-91 ... ... ... | 1,220 2 5 | | 1,220 2 5 | | | |
| „ IV.—Contingencies and Stores... ... | 2,522 9 9 | | 2,522 9 9 | | | Bills not received in 1890-91. |
| „ V.—Repairs to Buildings. To meet cost of repairs executed in 1890-91 ... ... ... ... | 602 14 2 | 4,345 10 4 | 602 14 2 | 4,345 10 4 | ..... | Do. . do. |
| *C.—Maintenance of Sluices.* | | | | | | |
| Section II.—Contingencies and Stores ... ... | 44 12 8 | | 41 10 11 | | | Bill not received. |
| „ III.—Renewal of Sluice Gates ... ... | 3,441 14 3 | 3,486 10 11 | 3,441 14 3 | 3,483 9 2 | 3 1 9 | Work in progress. |
| *D.—Maintenance of Carnac B. P. Station.* | | | | | | |
| Section—II (*b*) Repairs to Machinery, for charges for repairs executed in 1890-91 ... ... ... | 228 11 0 | | 228 11 0 | | | Bill not received. |
| (*d*) Renewing the quarters of the Staff ... ... ... ... | 3,000 0 0 | 3,228 11 0 | 3,000 0 0 | 3,228 11 0 | | Work not yet taken in hand. |
| (*e*) Survey for the completion of the Surface Drainage Scheme. | | 5,899 15 7 | | 5,899 15 7 | | Survey has only been completed in July 1891. |
| Carried over ... | | 41,301 7 3 | | 32,339 0 1 | 8,962 7 2 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | Remarks. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| Brought forward ... | | 41,301 7 3 | | 82,339 0 1 | 8,962 7 2 | |
| *Streets and Buildings.* | | | | | | |
| *B.—Public Lighting Branch.* | | | | | | |
| Section I.—Electric Lighting ... ... ... | 28,586 9 0 | | 28,586 9 0 | | | |
| „ II.—Gas Lighting-F. Contingencies (actual savings)... ... ... 488 1 7 | | | | | | |
| *Add*—Do. do. transferred as per Standing Committee's Resolution No. 13311, dated 18th March 1891 to meet cost of 16 gas lamps for Graving Dock Road ... ... ... 2,000 0 0 | | | | | | |
| | 2,488 1 7 | | 2,000 0 0 | | | |
| „ III.—Kerosine oil lighting, B., Contingencies ... ... ... ... | 840 15 10 | | 840 15 10 | | | The bill was not received in 1890-91. |
| | | 31,910 10 5 | | 31,427 8 10 | 483 1 7 | |
| *C.—Road Watering.* | | | | | | |
| Section III.—Repairs to waterposts, Persian wheels, &c. For repairs executed during 1890-91 ... ... ... | 1,868 8 2 | | 195 13 0 | | | Unadjusted bills in hand. |
| „ IV.—Proportion 7/8th of cost of cart repairs ... ... ... ... | 1,515 11 7 | | 140 1 6 | | | Do. do. |
| „ V.—New Water Tanks and Persian wheels ... ... ... ... | 9,720 0 8 | | 9,720 0 8 | | | Work in progress. |
| | | 13,104 4 0 | | 10,055 14 9 | 3,048 5 8 | |
| *D.—Road Repairs and Maintenance.* | | | | | | |
| Section II.—Cart hire and labor, including road scraping, &c. For labor required for Morland and other roads ... ... ... ... | 30,942 2 8 | | 2,503 15 4 | | | Do. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ,, III.—Paving footpaths ... ... ... | 51,404 | 4 | 6 | | | 50,000 | 0 | 0 | | | | Do. the contract being let only in December 1890. |
| ,, VIII.—Purchase of new steam Rollers ... ... ... ... | 920 | 7 | 8 | | | 920 | 7 | 8 | | | | Charges received in 1891-92. |
| ,, XI.—Renewing the temporary cover for the roof of the Queen's Statue... | 2,812 | 0 | 0 | | | 2,812 | 0 | 0 | | | | |
| | | | | 86,078 | 14 | 10 | | | | 56,236 | 7 | 0 | 29,842 | 7 | 10 | The bill for the timber supplied being under dispute, it was paid in 1891-92 and workshop bills to be adjusted. |
| *E.-Street Improvements.* | | | | | | | | | | | | |
| Street improvement... ... ... | | | | 87,912 | 2 | 2 | | | | 87,912 | 2 | 2 | | | | Required for improvements at the junction of Goghari Mohla, Baninn Street, and Parel Road and at the junction of Apollo and Forbes Streets and for various other improvements. |
| *Maintenance of Public Gardens.* | | | | | | | | | | | | |
| A.—*Victoria Gardens.* | | | | | | | | | | | | |
| *Maintenance.* | | | | | | | | | | | | |
| Section I.—Establishment ... ... ... | 225 | 8 | 9 | | | 225 | 8 | 9 | | | | |
| ,, II.—Stores and Petty charges, Feed of animals ... ... ... ... | 164 | 10 | 11 | | | 164 | 10 | 11 | | | | |
| Sea-sand and other contingencies... | 33 | 15 | 8 | | | 33 | 15 | 8 | | | | |
| ,, III.—Seeds and Plants ... ... .. | 208 | 8 | 0 | | | 208 | 8 | 0 | | | | |
| ,, IV.—Monsoon repairs, painting seats,&c. | 122 | 9 | 9 | | | 122 | 9 | 9 | | | | |
| ,, VI.—New Works— | | | | | | | | | | | | |
| (*a*) Special repairs and alterations to Victoria Garden Roads ... ... ... | 496 | 9 | 2 | | | 496 | 9 | 2 | | | | |
| (*c*) Wall and fencing round the Victoria Gardens ... | 1,322 | 10 | 0 | | | 1,322 | 10 | 0 | | | | |
| (*d*) Quarters for the Garden Staff ... ... ... | 381 | 9 | 2 | | | 381 | 9 | 2 | | | | |
| (*e*) Laying 12" stoneware pipes in the Victoria Gardens. | 163 | 5 | 2 | | | 163 | 5 | 2 | | | | |
| (*f*) Constructing ostriches' shed in the Victoria Gardens. | 114 | 8 | 11 | | | 114 | 8 | 11 | | | | |
| (*g*) Constructing deer shed in the Victoria Gardens ... | 94 | 0 | 0 | | | 94 | 0 | 0 | | | | |
| (*h*) Constructing aquatic birds' cages ... .. | 463 | 4 | 7 | | | 463 | 4 | 7 | | | | |
| (*i*) Constructing cages for small animals ... ... | 295 | 8 | 2 | | | 295 | 8 | 2 | | | | |
| (*j*) Constructing bear's cage... | 7,766 | 4 | 7 | | | 7,766 | 4 | 7 | | | | |
| (*k*) Constructing a wild beast's cage ... ... ... | 4,000 | 0 | 0 | | | 4,000 | 0 | 0 | | | | |
| | | | | 15,852 | 11 | 10 | | | | 15,852 | 11 | 10 | | | | To be renewed to the credit of Garden Funds for completion of works and improvements. |
| Carried over... Rs. | | | | 2,76,160 | 2 | 6 | | | | 2,33,828 | 12 | 8 | 42,386 | 5 | 10 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | REMARKS. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| Brought forward ... | | 2,76,160 2 6 | | 2,33,823 12 8 | 42,336 5 10 | |
| *D.—Northbrook Garden.* | | | | | | |
| Section IV.—Repairs to Roads ... ... ... | | 164 7 11 | | 164 7 11 | | Work in progress. |
| *Public Health Department.* | | | | | | |
| *Conservancy Branch.* | | | | | | |
| Section IV.—Repairs—Bills from the Annual Repairs Contractors for repairs to different chawls and Municipal workshop charges for renewal of four drain carts ... ... | 5,107 5 4 | | 659 11 8 | | | The contractors' bills were received on 16th April 1891, and the renewal of the drain carts was sanctioned only at the close of the past year. |
| " X.—Halaikhor Branch E.—Repairs and maintenance Bills from the Annual Repairs Contractors for repairs to different night-soil depôts, stables and chawls ... | 3,357 7 7 | 8,464 12 11 | 1,707 8 4 | 2,366 15 0 | 6,097 13 11 | Bills received on 16th April 1891. |
| *Markets and Slaughter-houses.* | | | | | | |
| Section IX.—Repairs Bills from the Annual Repairs Contractors for repairs to Markets and Slaughter-houses ... ... ... ... | 4,758 12 7 | | 4,612 1 7 | | | Bills received on April and May 1891. |
| " X.—Rent—Rent of Fuzandari ground for Bhuleshwar Market for 1890-91 ... ... ... ... | 37 11 4 | 4,796 7 11 | 21 0 0 | 4,633 1 7 | 163 6 4 | Bill not yet received. |
| *Cemeteries.* | | | | | | |
| Section VI.—Repairs bills from the Annual Repairs Contractors for repairs to Haines Road Bungalow and grave diggers' chawl ... ... | | 187 3 7 | | 89 4 8 | 97 14 11 | Bill received on 16th April 1891. |

| | | | | | | |
|---|---|---|---|---|---|---|
| *Mahaluxmi Dhobiwada.* | | | | | | |
| Section IV.—Repairs Bills from the Annual Repairs Contractors for repairs. | | 1,218 2 11 | | 1,218 2 11 | | Do. April and May 1891. |
| *Milch Cattle Stables.* | | | | | | |
| Repairs Bills from the Annual Repairs Contractors for repairs ... ... ... ... | | 697 4 2 | | 244 15 6 | 452 4 8 | Do. on 16th April 1891. |
| *Vaccination.* | | | | | | |
| Pay of a Vaccinator, who was on sick leave in February 1891 and contingent bill for the same month ... ... ... ... ... | | 1,780 11 2 | | 609 3 3 | 1,171 7 11 | Contingent bill received after the expiry of the year. |
| *Municipal Debt including Water Works Debt, Interest on Loans.* | | | | | | |
| Interest on the 6 per cent. Local Loans ... | 140 13 4 | | 140 13 4 | | | |
| Do. on Drainage, &c., Loan of 1878 (27 lakhs) ... ... ... .. ... | 14,325 0 0 | | 14,325 0 0 | | | |
| Do. on 44 Lakhs Sanitary Works Loan ... | 16,800 0 0 | | 16,800 0 0 | | | |
| Do. on 7 do. do. ... | 12,650 0 0 | | 12,650 0 0 | | | |
| Do. on 12 Lakhs Drainage and Water Works Loan ... ... ... ... | 9,237 8 0 | | 9,237 8 0 | | | |
| Do. on 35 lakhs various Sanitary Works Loan ... ... ... ... ... | 54,909 7 1 | | 3,471 5 9 | | | |
| Interest on the Tansa Water Works Loan | 1,08,062 12 5 | | 56,624 11 1 | | | |
| *Unclaimed Interest*... Rs. 22,033 8 9 | | | | | | |
| *Add*—Amount overdrawn from the Interest Fund in 1890-91, the interest payable by the Bank of Bombay during the year having been taken through a clerical error at Rs. 4,66,927-1-0 instead of Rs. 4,66,645-2-1 as calculated by the Bank ... Rs. 281 14 11 | | | | | | The Interest, &c., were not claimed during 1890-91. |
| | 22,315 7 8 | | 22,315 7 8 | | | |
| | 1,30,378 4 1 | | 78,940 2 9 | | | |
| *Reduction of Debt.* | | | | | | |
| Drainage, &c., Loan of 1878 (27 lakhs) ... ... | 4,500 0 0 | | 4,500 0 0 | | | |
| | | 1,34,878 4 1 | | 83,440 2 9 | 51,438 1 4 | |
| Carried over ... | | 4,28,347 9 2 | | 3,26,590 2 8 | 1,01,757 6 11 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | Remarks. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| Brought forward ... | ..... | 4,28,347 9 2 | ..... | 3,26,590 2 3 | 1,01,757 6 11 | |
| *Pensions, Gratuities and Compassionate Allowances.* | | | | | | |
| For pensions due to Abaji Hari from November 1890 to February 1891 at Rs. 9-14-11 per month ... ... ... ... ... ... | 39 11 8 | | | | | The payment of the pensions was not applied for during 1890-91. |
| For pension due to Rowji Ramchundra, December 1890 to February 1891, at Rs. 15-10-5 per month ... ... ... ... ... ... | 46 15 8 | | | | | |
| For pension due to Shivram Manajee for January and February 1891 at Rs. 3-15-1 per month ... ... ... ... ... ... | 7 14 2 | | | | | |
| For pension due to Balaji Chintamon for February 1891 ... ... ... ... ... | 9 0 10 | | | | | |
| For pension due to Mahadev Gopal for February 1891 ... ... ... ... ... | 6 10 8 | | | | | |
| | 110 4 7 | | | | | |
| And for balance of compassionate allowance due to the heirs of the late Havildar of the Municipal Commissioner's Office ... ... | 41 7 4 | 1,187 4 8 | | 151 11 11 | 985 8 9 | |
| *Discretional Contingencies.* | | | | | | |
| For cost of certain works, &c., sanctioned to be paid out of this grant during 1890-91 ... | | 4,460 10 6 | | 4,460 10 6 | | Works not completed during 1890-91. |
| *Rent of Municipal Office.*—Refund due to the landlord, of the Municipal Office, on account of General Tax for 1890-91 under the terms of his lease ... ... ... ... ... | | 627 6 5 | | 627 6 5 | | Refund allowed in 1891-92. |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | *New Works.* | | | | | | | | | | | | |
| 32 | Raising level of the compound of Hospital for contagious diseases ... ... ... ... | 5,296 | 11 | 11 | | | | 5,296 | 11 | 11 | | | Work not completed in 1890-91. |
| | Tank and hoses for Arthur Crawford Markets to be used in case of fire ... ... ... | 9,294 | 0 | 0 | | | | 9,294 | 0 | 0 | | | Work not taken in hand. |
| | Latrines and urinals ... ... ... ... | 40,658 | 4 | 2 | | | | 40,658 | 4 | 2 | | | Work in progress. |
| | Bas relief and tympanum at the Arthur Crawford Markets ... ... ... ... ... | 4,240 | 0 | 0 | | | | 4,240 | 0 | 0 | | | Work to be undertaken during 1891-92. |
| | Privy accommodation for Staff at Bori Bunder stable ... ... ... ... ... ... | 604 | 0 | 0 | | | | 604 | 0 | 0 | | | Work in progress. |
| | Partition screen and sun-shades for the offices at Boribunder Stables ... ... ... ... | 525 | 0 | 0 | | | | 525 | 0 | 0 | | | Work not completed. |
| | Construction of compound wall and gate to the Hospital at Grant Road... ... ... ... | 519 | 0 | 0 | | | | 519 | 0 | 0 | | | Bill received in 1891-92. |
| | Hand-carts for the removal of dead animals ... | 76 | 8 | 3 | | | | 52 | 15 | 0 | | | One-hand cart not yet made. |
| | 4-chamber urinal at corner of Khoja Street and Grant Road ... ... ... ... ... | 480 | 0 | 0 | | | | 480 | 0 | 0 | | | Order given for execution. |
| | 3 2-chamber new pattern urinals on Musjid Bridge Road ... ... ... ... ... | 720 | 0 | 0 | | | | 720 | 0 | 0 | | | Site not approved. |
| | Latrine at Bandora Slaughter-house, 11 chambers, on the pail system with a cart ... ... | 8,919 | 0 | 0 | | | | 8,919 | 0 | 0 | | | Work in progress. |
| | Rubble Masonry wall to be erected between the Municipal chawl and the Native Infantry Lines at Bori Bunder ... ... ... ... | 1,586 | 0 | 0 | | | | 1,586 | 0 | 0 | | | Bill received in 1891-92. |
| | New Night-soil Depôt at the north end of De Lisle Road ... ... ... ... ... | 18,728 | 15 | 9 | | | | 18,728 | 15 | 9 | | | Messrs. Bulkley & Co.'s tender was high. Fresh tenders were called but none received. Site is objecte by David Mills Co. |
| | Extra Works in connection with the Carnac Bunder and Night-soil Depôt ... ... ... | 384 | 7 | 9 | | | | 384 | 7 | 9 | | | The suction pipe from the sea is to be examined and refixed. |
| | Connecting drain of stand-pipe opposite the Fort Market ... ... ... ... ... | 149 | 0 | 0 | | | | 149 | 0 | 0 | | | Work completed, accounts to be adjusted. |
| | Providing two additional gates in the east and west sides of the Health Department stable at Null Bazar ... ... ... ... ... | 400 | 0 | 0 | | | | 400 | 0 | 0 | | | Work completed in 1891-92. |
| | Alteration to arch over Bhuleshwar Storm water drain ... ... ... ... ... | 8,102 | 1 | 10 | | | | 8,102 | 1 | 10 | | | Work is in progress. |
| | Carried over ... | 90,633 | 1 | 8 | 4,84,572 | 14 | 9 | 90,609 | 8 | 5 | 3,81,829 | 15 | 1 | 1,02,742 | 15 | 8 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | Remarks. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| Brought forward ... | 90,633 1 8 | 4,34,572 14 9 | 90,609 8 5 | 3,31,829 15 1 | 1,02,742 15 8 | |
| *New Works*—contd. | | | | | | |
| Arrangement for flushing Parel and Bellasis Roads— | | | | | | |
| Storm-water drain from Babula Tank and Nagpada Tank... ... ... ... ... ... | 3,844 0 0 | | 3,844 0 0 | | | Work in progress. |
| Storm-water drain and water entrances at the junction of Tardeo Road and Forjett Road... | 3,424 0 0 | | 3,424 0 0 | | | Do. |
| Water entrances at different places ... ... | 4,535 4 11 | | 4,535 4 11 | | | Do. |
| Miscellaneous Drainage Works ... ... ... | 1,967 4 1 | | 1,967 4 1 | | | Do. |
| Pipe screen and flushing chamber at Carroll Rd. | 7,547 0 0 | | 7,547 0 0 | | | Work not taken in hand, pending consideration of Mr. B. Latham's report. |
| Masonry side drain in Belvidere Road ... ... | 597 0 0 | | 597 0 0 | | | Work in progress. |
| Filling in and pitching slope of portion of Haines Road, which forms the boundary of the storm-water Reservoir ... ... ... ... ... | 4,593 2 5 | | 4,593 2 5 | | | Work not taken in hand, pending consideration of Mr. B. Latham's report. Some quantity of rubble deposited on the bank that it may not be further washed away. |
| Altering connection of main drain with main sewer at Bellasis Bridge ... .. ... | 1,100 0 0 | | 1,100 0 0 | | | Work not undertaken. |
| Masonry culvert for the Agripada drain under new road near Clerk Road Bridge ... ... | 2,047 9 6 | | 2,047 9 6 | | | Work completed. Accounts not yet received. |
| Ventilating shafts, Marine Lines, Mayo Road and Queen's Road ... ... ... ... | 2,230 15 9 | | 2,230 15 9 | | | The shafts are under construction. |
| Construction of storm-water drain through the Port Trust property leading from the Tramway Company's stable at Colaba to the Apollo Basin ... c ... ... ... ... ... | 4,740 0 0 | | 4,740 0 0 | | | Work only sanctioned in March 1891. |
| Street names and number plates ... ... ... | 1,154 9 9 | | 1,154 9 9 | | | Work in hand. |
| Addition to latrines in Municipal Workshops Storeyard ... ... ... ... ... ... | 1,305 0 0 | | 1,305 0 0 | | | Work commenced. |
| Chamber latrines near Love Grove Pumping Stn. | 1,581 12 5 | | 1,581 12 5 | | | Work in progress. |
| Filling in Municipal land near the Church at Elphinstone Road ... ... ... ... | 1,151 8 4 | | 1,151 8 4 | | | Do. |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2 Hand carts for the conveyance of dead bodies and 7 screens to cover corpses that may have to be kept in the public thoroughfare ... | 1,205 | 0 | 0 | | | | 1,205 | 0 | 0 | | | | | Work completed in July 1891. |
| Purchase of land for New Cross Road from Ripon Road to Byculla... ... ... ... | 4,259 | 9 | 0 | | | | 4,259 | 9 | 0 | | | | | Compensation claims under settlement. |
| Purchase of land for Fergusson Road ... ... | 1,437 | 14 | 1 | | | | 1,437 | 14 | 1 | | | | | Do. do. |
| Fencing in the whole of the Municipal vacant land at the Eastern Boulevard at Mint Road. | 194 | 9 | 8 | | | | 194 | 9 | 8 | | | | | Work in progress. |
| | | | | 1,89,549 | 5 | 2 | | | | 1,89,525 | 11 | 11 | 28 9 8 | |
| *Fire Brigade.* | | | | | | | | | | | | | | |
| Section II.—Rent, Repairs and Miscellaneous Stores and Stationery.—For cement supplied by Messrs. Morris & Co. to stop leaks in hoses | 518 | 11 | 7 | | | | 68 | 10 | 0 | | | | | Bill received on 9th June 1891. |
| Contingencies for extinguishing fires. For damage done to clothing of certain Police Officers while on duty at fire and for medicine, &c., charges for sick horses ... ... ... ... | 178 | 13 | 5 | | | | 178 | 13 | 5 | | | | | The police officers' bills had to be kept back, pending the passing of the Fire Brigade Rules by the Corporation, which was done on 20th April 1891. The bills for the other charges were received in the beginning of 1891-92. |
| „ IV.—New buildings—Construction of a fire station at Chinchpogli ... | 23,730 | 12 | 4 | | | | 226 | 12 | 0 | | | | | |
| | | | | 24,428 | 5 | 4 | | | | 474 | 8 | 5 | 28,949 1 11 | |
| *Water Works—Maintenance.* | | | | | | | | | | | | | | |
| Section III.—Contingencies, &c., For clothing supplied to certain members of the Water Works Staff. Repairs to Saki and Vehar Road and sundry other charges incurred during 1890-91 ... ... ... | 5,569 | 2 | 4 | | | | 2,400 | 0 | 0 | | | | | The bills were received in 1891-92. |
| „ IV.—Repairs and alterations to tanks, wells and fountains. For the completion of alteration to certain wells undertaken or sanctioned during 1890-91 ... ... | 4,500 | 10 | 0 | | | | 8,420 | 15 | 6 | | | | | Works in progress. |
| „ V.—Repairs to Tulsi Main pipe embankment ... ... ... ... | 64 | 2 | 8 | | | | 64 | 2 | 8 | | | | | The work is still to be completed. |
| Carried over ...Rs. | 10,133 | 15 | 0 | 5,98,545 | 9 | 8 | 5,885 | 2 | 2 | 4,71,829 | 14 | 5 | 1,26,715 10 10 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Amount to be renewed. | Total Amount to be renewed. | Savings on the Grant lapsed. | REMARKS. |
|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| Brought forward ... | 10,133 15 0 | 5,98,545 9 3 | 5,885 2 2 | 4,71,829 14 5 | 1,26,715 10 10 | |
| *New Works.* | | | | | | |
| Repairing five of the filter-beds at the Bhundarwada Reservoir ... ... ... ... | 65,319 8 9 | | 65,319 8 9 | | | Work in progress. |
| Providing patent concrete floor for one filter bed at the Bhundarwada Reservoir ... ... | 1,279 10 6 | | 1,279 10 6 | | | Do. |
| Laying 4" pipes for watering the hanging garden on the east of Gibbs Road ... ... | 1,400 0 0 | | 1,400 0 0 | | | Work completed in 1891-92. |
| Preparing and Lithographing copies of plans of Water Mains ... ... ... ... ... | 323 12 0 | | 323 12 0 | | | Some of the plans are to be mounted on cloth. |
| Additional catch-water channels at Vehar ... | 600 0 0 | | 600 0 0 | | | } Claims for compensation for land |
| Construction of a chawl at Vehar ... ... | 1,551 3 9 | | 1,551 3 9 | | | } taken up have not yet been settled. |
| Construction of a stove or tank for dipping pipes at the Chinchpogli Stores ... ... | 1,292 5 0 | | 1,292 5 0 | | | Work not yet taken in hand. |
| | 71,766 8 0 | 81,900 7 0 | 71,766 8 0 | 77,651 10 2 | 4,248 12 10 | |
| *Advances.*—Advance to Municipal Workshops for labor and materials for extra works undertaken during 1890-91, but not completed during that year, to be adjusted subsequently against the proper Budget Grants ... .. | | 21,637 2 5 | | 21,637 2 5 | | |
| For works sanctioned to be paid as advances from available balances pending the Corporation's final sanction, as to their cost being met out of current revenue or by raising a new Loan, as may be decided upon hereafter— | | | | | | |
| Improvements and extension of the Victoria Gardens ... ... ... ... | 10,131 3 5 | | 10,131 3 5 | | | |
| Filling in rocky and unusable parts of Roman Catholic portion of Sewri Cemetery... ... ... ... ... ... | 2,090 2 7 | 12,221 6 0 | 2,090 2 7 | 12,221 6 0 | | |
| | | 33,858 8 5 | | 33,858 8 5 | | |
| Grand Total...Rs. | | 7,14,304 8 8 | | 5,83,340 1 0 | 1,30,964 7 8 | |

**B.**

STATEMENT of lapsed Grants on account of different Loan Works for 1890-91, which require to be renewed during 1891-92.

| | Balance of the Grant lapsed. | Total Amount lapsed. | Total Amount lapsed under each Loan. | Amount to be renewed. | Total Amount to be renewed. | Total Amount to be renewed under each Loan. | REMARKS. |
|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | |
| 17 *Lakhs Loan for Drainage (portion of the 27 lakhs loan).* | | | | | | | |
| Pipe sewers ... ... ... ... ... ... | 32,476 12 3 | | | 32,476 12 3 | | | |
| Contingencies ... ... ... ... ... | 1,343 6 9 | | | 1,343 6 9 | | | |
| | | 33,820 3 0 | 33,820 3 0 | | 33,820 3 0 | 33,820 3 0 | |
| 44 *Lakhs Sanitary Works Loan—Surface Drainage Works.* | | | | | | | |
| Contingencies ... ... ... ... ... | | 2,105 4 6 | | | 2,105 4 6 | | |
| *Drainage Works executed out of the 15 Lakhs Loan.* | | | | | | | |
| First Drainage Section—House sullage water connections without privy fittings ... ... | 1,78,684 1 1 | | | 1,78,684 1 1 | | | |
| Automatic flushers at heads of gallies ... | 5,570 0 0 | | | 5,570 0 0 | | | |
| House sullage water connections, Kamathipura . | 27,187 15 8 | | | 27,187 15 8 | | | |
| Provision for shaft ventilators throughout ... | 704 15 6 | | | 704 15 6 | | | |
| Survey of pipe sewers ... ... ... ... | 5,113 0 0 | | | 5,113 0 0 | | | |
| Closing storm-water openings in Frere Road sewer ... ... ... ... ... ... | 8,087 6 6 | | | 8,087 6 6 | | | |
| | | 2,25,297 6 9 | | | 2,25,297 6 9 | | |
| *Roads.* | | | | | | | |
| New road from Bellasis Road across old Race Course ... ... ... ... ... ... | | 1,759 11 10 | 2,29,162 7 1 | | 1,759 11 10 | 2,29,162 7 1 | |
| 7 *Lakhs Sanitary Works Loan.* | | | | | | | |
| Drainage of the Fort ... ... ... ... | | | 63,016 6 7 | | | 63,016 6 7 | |
| 12 *Lakhs Loan of* 1887-88. | | | | | | | |
| Queen's Road House sullage water connections ... ... ... ... ... ... | | | 1,49,549 15 5 | | | 1,49,549 15 5 | |
| *Tansa Loan of* 1,22,00,000. | | | | | | | |
| Tansa Water Works ... ... ... ... | | | 1,12,117 11 9 | | | 1,12,117 11 9 | |
| Carried over ... Rs. | | | 5,87,666 11 10 | | | 5,87,666 11 10 | |

| | Balance of the Grant lapsed. | Total Amount lapsed. | Total Amount lapsed under each Loan. | Amount to be renewed. | Total Amount to be renewed. | Total Amount to be renewed under each Loan. | REMARKS. |
|---|---|---|---|---|---|---|---|
| Brought forward...Rs. | Rs. a. p. ..... | Rs. a. p. ..... | Rs. a. p. 5,87,666 11 10 | Rs. a. p. ..... | Rs. a. p. ..... | Rs. a. p. 5,87,666 11 10 | |
| *Loan of* 10,08,500—*Drainage.* | | | | | | | |
| Extension of Parel storm-water drain to Shepherd Road ... ... ... ... | 19,527 7 2 | | | 19,527 7 2 | | | |
| Storm-water drain from Bellasis Road to 2⅜ the length of Ripon Road .. ... ... | | | | | | | |
| 9" pipe sewer along Bellasis Road, Foras Road and Gilder Street... ... ... ... ... | 12,531 7 11 | 32,058 15 1 | | 12,531 7 11 | 32,058 15 1 | | |
| *Roads.* | | | | | | | |
| Cross Road at Mahaluxmi Station ... ... | 8,844 5 4 | | | 8,844 5 4 | | | |
| Road through Nowrojee Hill ... ... ... | 2,63,875 0 0 | 2,72,719 5 4 | | 2,63,875 0 0 | 2,72,719 5 4 | | |
| *Markets.* | | | | | | | |
| New Market at Colaba ... ... ... ... | 50,300 0 0 | | | 50,300 0 0 | | | |
| Erskine Road Market Extension... ... ... | 66,164 5 10 | | | 66,164 5 10 | | | |
| Arthur Crawford Markets Extension ... ... | 49,710 4 0 | 1,66,174 9 10 | 4,70,952 14 3 | 49,710 4 0 | 1,66,174 9 10 | 4,70,952 14 3 | |
| *Agripada House Sullage Water Connection Loan of* 2,48,000 | | | | | | | |
| Agripada House Sullage Water Connection ... | | | 1,84,086 1 0 | | | 1,84,086 1 0 | |
| 35 *Lakh Various Sanitary Works Loan Water Works.* | | | | | | | |
| Pawai water works ... .. ... ... | 1,01,673 3 0 | | | 1,01,673 3 0 | | | |
| Additional water mains ... ... ... ... | 34,354 11 8 | | | 34,354 11 8 | | | |
| Improvement Works at Malabar Hill Reservoir ... ... ... ... ... ... | 19,767 11 8 | 1,55,795 10 4 | | 19,767 11 8 | 1,55,795 10 4 | | |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| *Drainage.* | | | | | | | | | | | | |
| Sewer flushing arrangements ... ... ... | | | | 14,000 | 0 | 0 | | | | 14,000 | 0 | 0 |
| *Markets.* | | | | | | | | | | | | |
| Bhuleshwar Market Extension ... ... ... | 1,80,989 | 10 | 9 | | | | | 1,80,989 | 10 | 9 | | |
| New Market at Foras Road ... ... ... | 50,000 | 0 | 0 | | | | | 50,000 | 0 | 0 | | |
| Labourers' Quarters in connection with A. C. Markets ... ... ... ... ... ... | 22,700 | 0 | 0 | | | | | 22,700 | 0 | 0 | | |
| | | | | 2,53,689 | 10 | 9 | | | | 2,53,689 | 10 | 9 |
| *Roads.* | | | | | | | | | | | | |
| Roads and Streets in Agripada and elsewhere... | 2,61,100 | 8 | 11 | | | | | 2,61,100 | 8 | 11 | | |
| Difference between the amount originally provided in the Loan of Rs. 10,08,500 for Road through Nowrojee Hill Road and the revised amount sanctioned for the same. ... | 68,148 | 0 | 0 | | | | | 68,148 | 0 | 0 | | |
| | | | | 3,29,248 | 8 | 11 | | | | 3,29,248 | 8 | 11 |
| *Other Sanitary Works.* | | | | | | | | | | | | |
| Chawl for Halalcores in Cursetjee Sooklajee Street ... ... ... ... ... ... | 85,819 | 0 | 0 | | | | | 85,819 | 0 | 0 | | |
| Health Department bullock stables and quarters for scavengers ... ... ... ... ... | 1,06 000 | 0 | 0 | | | | | 1,06,000 | 0 | 0 | | |
| Purchase of land at Arthur Road ... .. | 23,676 | 0 | 0 | | | | | 23,676 | 0 | 0 | | |
| | | | | 2,15,495 | 0 | 0 | | | | 2,15,495 | 0 | 0 |
| | | | | | | | 9,68,228 | 14 | 0 | | | 9,68,228 | 14 | 0 |
| Grand Total...Rs. | | | | | | | 22,10,934 | 9 | 1 | | | 22,10,934 | 9 | 1 |

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 10804, dated this day, sanction be given to the renewal of lapsed grants for 1890-91, amounting to Rs. 5,83,340-1-0, including advances of Rs. 33,858-8-5, payable out of current revenue as per detailed Statement A, accompanying the Chief Accountant's letter to the Commissioner, No. 1544, dated 4th instant.

No. 4874.

"That sanction be also given to the renewal of lapsed grants for the same period, amounting to Rs. 22,10,934-9-1, payable out of loan funds as per Statement B, ditto ditto."

Proposed by Colonel Merewether, seconded by Colonel Wilson

"That the Corporation be recommended to sanction the renewal of the available balance of Rs.9,127-9-5 out of the Victoria Garden's receipts for the past year, for expenditure during the current year, on the filling up to the proper level, of portions of the land on the north side of the gardens recently acquired for the improvement thereof."

No. 4875.

*Carried* by 6 votes to 5.

The further consideration of items 8 and 9 relating to the writing off of bullocks of the Health Department, &c., was proceeded with.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 9317, dated 21st July 1891, the Corporation be recommended to sanction the writing off, from the live-stock return of the Health Department, of Rs. 1,890, being the book value of 30 bullocks that died during the quarter ending 31st May 1891.

No. 4876.

"2. That the Corporation be also recommended to sanction the writing off, from the live-stock return of the same department, of Rs. 6,982-8-0, being the book value of 24 bullocks that died and 90 which were sent to the Pinjrapol, total 114, during the quarter ending 28th February 1891.

"3. That the following be *recorded* :—Memorandum No. 9312, dated 21st ultimo, from the Commissioner, forwarding, with reference to the Resolution of the Standing Committee, No. 1121, dated 29th April last, a comparative statement of the mortality of the live-stock of the Health Department together with the number sent to Pinjrapol during each of the quarters of the last three years, and also reporting on the working of the system of giving increased rations to a number of animals as recommended by the Committee of the Corporation in May 1889."*

* *See* Proceedings of the Standing Committee, dated 30th ultimo.

Read the following :--

BOMBAY, *3rd August* 1891.

To THE CHAIRMAN, Standing Committee,
Bombay Municipality.

SIR,—At the last monthly meeting of the Corporation I had given notice of motion to the effect that the quarterly accounts of the Municipality should be made more useful for reference by being published in future in the manner prescribed in the form accompanying my motion.

Since giving that notice, I had an interview with the Chief Accountant, when I learned that a weekly account is submitted to the Standing Committee which, for all practical intents and purposes, fulfils the object which prompted me to move the form I have referred to. That weekly account, however, is *not printed* along with the weekly proceedings of the Standing Committee. I attach the greatest value to its publication, for, in reality, it would keep members interested in Municipal finance, well posted with the progress of revenue and expenditure week after week. Being convinced of the utility of the weekly account, if published, I thought it advisable to drop my original motion at the Corporation, having felt sure that I had only to urge on you the desirability of the publication of the weekly accounts along with the weekly proceedings of the Standing Committee to bring about the desired change.

I therefore take this opportunity to formally request the Standing Committee to be so good as to pass a resolution directing the Secretary to publish the weekly accounts in the manner suggested, say, commencing from the current month. I am sure my request is not only reasonable but of the greatest utility to members of the Corporation, and, as such, the Standing Committee will not fail to comply with it.—I am, &c., DINSHA E. WACHA.

No. 4877. *Resolved :* "That Mr. Dinsha E. Wacha be informed that the weekly statement is published every seven days in the *Government Gazette*, and that a quarterly statement is published in the Proceedings of the Standing Committee ; and that this being so, it is not necessary to incur further expenditure in the matter."

No. 4878. *Resolved :* "That the following be *recorded* :—Memorandum No. 9963, dated 28th ultimo, from the Commissioner, reporting, with reference to the Resolution of the Standing Committee No. 4484, dated 3rd October 1888, the transfer of Rs. 2,00,000—(1) of Rs. 50,000 from the surplus cash deposit account to the Municipal General fund pass book, on 20th ultimo ; (2) of Rs. 50,000 from ditto to ditto, on 22nd idem ; and (3) of Rs. 1,00,000 from ditto to ditto, on 25th idem."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, and Tansa Lakes and the Pawai Reservoir for the week ending 2nd August 1891.

Read the following :—Letter No. 10688 of 1891-92, to the Municipal Secretary, dated 4th August 1891 :—

SIR,—I have the honour to report, under section 92 (*a*) of the Municipal Act, that I have leased to the Bombay Telephone Company, Limited, for one year, from 28th November next, the right to set up, conduct, maintain and use telephone wires in, through or over the public streets of the City, on the same terms and conditions as those contained in the present agreement for a term of ten years, which will expire on 27th November 1891. Before entering into an agreement for a long period, I think it is desirable to make some enquiries in England on the subject of instruments in use and working of lines.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : " That the following be *recorded* :—Letter No. 10688, dated 4th instant, from the Commissioner, reporting that he has leased to the Bombay Telephone Company for a period of one year, from 28th November 1891, the right to set up, conduct, maintain and use telephone wires in, through, or over the public streets of the City, on the same terms and conditions as those contained in the agreement (for a term of 10 years) which expires on 27th November next."

No. 4879.

*Resolved* : " That, as applied for by the Commissioner in his letter No. 10803, dated 5th instant, sanction be given to the acceptance by him of the tender of Messrs. Dadabhai Bomanji & Co.—the lowest of ten tenders received—for the work of laying 24″ main in Queen's Road (from Malabar Hill Reservoir to the Frere fountain) at schedule rates aggregating Rs. 19,253-15-0, *plus* Rs. 1,925-1-0 for ten per cent. contingencies, total Rs. 21,179. The amount to be debited to the advance of Rs. 63,360 sanctioned by the Corporation in their Resolution No. 3714, dated 9th ultimo."

No. 4880.

Read letter No. 14901, dated 3rd instant, from the Health Officer, to the Commissioner, as follows :—

SIR,—I have the honour to forward the following results of examination of the Vehar, Tulsi and Pawai waters, for submission to the Standing Committee for the current month. :—

*Sample of unfiltered Vehar water obtained from the tap near Vehar Filters on the 28th July 1891.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·01 |
| Albuminoid Ammonia | ·18 |

* See Appendix C.

*Sample of unfiltered Tulsi water obtained from the Inlet well of the Malabar Hill Reservoir on the 28th July 1891.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·01 |
| Albumenoid Ammonia | ·12 |

*Sample of filtered Tulsi water obtained from the distributing basin of the Malabar Hill Reservoir on the 28th July 1891.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·05 |
| Albumenoid Ammonia | ·08 |

*Sample of Powai water taken from delivery main from the pumps on the 28th July 1891.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·01 |
| Albumenoid Ammonia | ·11 |

I have, &c., T. S. WEIR, Health Officer.

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Memorandum No. 10664 of 1891-92.

BOMBAY, *4th August* 1891.

Forwarded to the Standing Committee for information. Pawai water has ceased to be delivered into the City.—H. A. ACWORTH, Commissioner.

No. 4881. *Resolved*: "That memorandum No. 10664, dated 4th instant, from the Commissioner be *recorded*."

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BOMBAY, 12*th August* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 5th instant, were signed.

The Commissioner read a notice served on him by Government, calling on the Corporation to show cause before the 18th day of September 1891, why the Governor of Bombay in Council should not make an order, under Section 518 of the Municipal Act, prescribing a period within which the provision of Section 61 (*g*) of the said Act, on the subject of providing hospitals for the reception of persons suffering from dangerous diseases, shall be carried out by the Corporation.

The Commissioner stated that he proposed to place the subject before the Corporation, as a matter of urgency, at their meeting called for to-morrow.

No. 5164. *Resolved* : " That the following be *recorded* :—Letter from the Secretary, notifying the election of A. G. Viegas, Esq., as a member of the Standing Committee, *vice* Captain Sir Henry Morland, deceased."

No. 5165. The seal of the Corporation was affixed to deed of agreement (in duplicate) between Mr. Khetsidas Hurnundrai and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at No. 57, Supari Baug Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed. In the event of any portion of the land shown upon the said plan being required, the same to be given to the Corporation at the rate of Rs. 6 per square yard.

The seal also was affixed (1) to two attested duplicate debentures of the Municipal Loan of 1878, Nos. 4592 and 1254, of Rs. 500 each ; (2) to three attested duplicate debentures of the Municipal Loan of 1878, Nos. 1587, 1588 and 1589, of Rs. 500 each ; (3) to one attested duplicate debenture of the Municipal Loan of 1878, No. 1585, of Rs. 500 ; (4) to one attested duplicate debenture of the Sanitary Works Loan of 1885, No. 3174 NN, of Rs. 500 ; (5) to one consolidated debenture, Nos. 1252-53, of the Municipal Loan of 1878, of Rs. 1,000 ; (6) to one consolidated debenture, Nos. 841—6, of the Municipal Loan of 1878, of Rs. 3,000 ; (7) to one consolidated debenture, Nos. 4557—66, of the Municipal Loan of 1878, of Rs. 5,000 ; (8) to one consolidated debenture, Nos. 4567—72, of the Municipal Loan of 1878, of Rs. 3,000 ; (9) to one consolidated debenture, Nos. 2084—85 NN, of the Sanitary Works Loan of 1885, of Rs. 1,000 ; and (10) to one consolidated debenture, Nos. 2086—87 NN, of the Sanitary Works Loan of 1885, of Rs. 1,000.

No. 5166. *Resolved* : " That, as applied for by the Commissioner in his memoranda Nos. 11002, 11003, 11004, and 1105, dated 7th instant, and Nos. 11237, 11238, 11239, and 11240, dated 11th idem, sanction be given, under

Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Oosena Luxumon ... ... | Kamathipura 4th Street. |
| „ Kanji Ruttonsi... ... ... | Building at Gilder Street. |
| „ E. E. Kurwa ... ... ... | „ at Charni Road. |
| „ Bulali Jerbundun or Mr. Ramavtar ... ... ... | „ at Ripon Road. |
| "Capt." Smith (Salvation Army) ... | „ „ |
| Mr. Abdul Rahim Nurmahomed ... | „ at the Junction of Agiari and Fanaswadi Streets. |
| „ Sileman Ahmed ... ... | „ at Parel Road. |
| „ Suba Buddoo ... ... ... | „ at Ripon Road." |

No. 5167. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 11369, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5168. "That, in cases where acting allowances are admissible under the rules sanctioned by the Corporation as per their Resolution No. 13292, dated 16th March 1891, and where the amounts due can be paid out of savings in the grant for salaries of the establishments in which the acting appointments are held, such amounts be paid from such savings, provided that the payments thereof do not necessitate transfers from one budget head to another."

The motion was *carried* by 10 votes *against* 2.

No. 5169. *Resolved* : "That, inasmuch as after one Pandoo Rama had paid Rs. 2,400, for the lease of the right to catch fish in the storm-water reservoir and in Love Grove Channel, Mahaluxmi, from 1st April 1890 to 31st March 1891, it was found desirable to keep the reservoir dry from December to March, whereby the lessee sustained a heavy loss, the Corporation be recommended, as applied for by the Commissioner in his letter to the Secretary, No. 10959, dated 6th instant, to sanction the grant of Rs. 850-14-4, being the proportion for the time the reservoir was kept dry, from surplus cash balance, for payment of compensation to the said lessee for the loss so sustained by him."

Considered again the question of the provision of new engines and pumps for the Love Grove Pumping Station. (*See* Proceedings of the Committee of the 15th July last.)

Read the following :—

From Person—SIMPSON. 6*th August* 1891.
From station—LONDON.

To WALTON, Executive Engineer, Municipality of Bombay.

Existing houses suitable for four fifteen million and four boilers; estimate removal 22,000 cubic feet; engine foundation and rebuilding same quantity; new boiler settings require 6,000 cubic feet brickwork. Our prices June nineteenth cover all ironwork.

No. 2802D, dated 7th August 1891, to the Commissioner :—

SIR,—I have the honour to forward the telegram received this day from Messrs. Simpson & Co., of London, in response to my letter of the 16th July 1891, addressed to them by your instructions,

2. It will be remembered that, with the letter referred to, Messrs. Simpson & Co. were supplied with a complete set of tracings showing the existing pumping station and boiler house, and that they were therefore placed in a position to state definitely whether these buildings could be made available for the proposed four 15 million gallons Worthington pumps.

3. The telegram declares the existing building to be suitable, but that 20,000 cubic feet of masonry will be necessary for the beds and foundations for the engines and pumps, and also 6,000 cubic feet of firebrick masonry for the setting of the new boilers.

4. The masonry, which it will be necessary to employ for the beds and founds of the engines and pumps, must be composed of brick in cement with, perhaps, a course of ashlar immediately beneath the bed-plates. The approximate cost of this work will be 20,000 cubic feet brick in cement at Rs. 75 per brass=Rs. 15,000.

6,000 c. ft. of firebrick masonry, at Rs. 225 per brass, Rs. 13,500.

Taking the two items together, *viz.*, 20,000 c. ft of founds ... ... ... ... ... ... Rs. 15,000
6,000 c. ft. of fire brick masonry for boiler setting... ,, 13,500

Total... Rs. 28,500
Add—10 per cent. for contingencies ... ... ,, 2,850

Grand Total... Rs. 31,300

5. It is quite possible a large saving will be made out of this work, more specially in that which refers to firebrick boiler setting. The existing boilers are set in firebricks, all of which can be used

again. Also, in the work in the founds and beds, many of the bricks and probably all of the ashlar can be brought into use; thus a saving is certain, but, as it is impossible at this stage to estimate the money value of it, I have, therefore, preferred to allow the figures to stand without any deductions.

6. The prices referred to in their letter of June 19th are as follow :—

One 15 million gallon engine pump and boiler, all complete, £ 6,000.—I have, &c., RIENZI WALTON, Executive Engineer, Municipality.

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No. 11169 of 10th August 1891.

Forwarded to the Standing Committee with reference to their Resolution No. 3904 of 15th ultimo. The financial proposals already made by me appear to be sufficient.—H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Mulji B. Barbhaya, Esq.—

"1. That letter No. 6168, dated 15th June 1891, and memorandum No. 11169, dated 10th instant, from the Commissioner be forwarded to the Corporation. No. 5170.

"2. That the Corporation be recommended to authorise the Commissioner to take the following steps :—(1).—to purchase from Messrs. Simpson & Co., four of Worthington's 15 million gallon pumps and steam engines required for the future working of the Love Grove Sewage Pumping station, at an estimated cost of Rs. 3,38,259 for the pumps and engines *plus* Rs. 31,350 for the cost of masonry work for the new pumps and engines, or with contingencies Rs. 4,00,000; (2).—that, pending the raising of the requisite loan, payments on account of the new pumps and engines and the erection of the same be paid for by advances from available loan and other funds, to be adjusted on the raising of the loan; (3).—that the Corporation be recommended to authorise the Commissioner to dispose of the existing engines and machinery as soon as the new pumps are in working order; and (4).—to adopt, with the consent of the Standing Committee, such measures as may be considered desirable for the disposal of the Pawai Water Works pumps and engines as soon as the Tansa water is supplied for consumption in Bombay."*

*Carried.*

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* See Proceedings of the Standing Committee, dated 15th July 1891.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the following be forwarded to the Commissioner for favour of report :—Resolution of the Corporation, No. 4970, dated 6th instant, as under :—

No. 5171.

"'That the following be forwarded to the Standing Committee for report :—Government Resolution No. 1536, P. W. D. (Railway), dated 11th July 1891, on the subject of the adjustment of charges in connection with the construction of the Byculla overbridge, the balance of the amount payable by the Corporation being set down at Rs. 7,023-9-9.'"

*Carried.*

Considered the following :—Letter No. 659, dated 6th August 1891, to the Chief Accountant :—

SIR,—In forwarding the accompanying certificate No. 52, in favor of Messrs. Walsh, Lovett, Mitchell & Co., amounting to Rs. 1,06,602-8-7, for audit and payment, I have the honor to inform you that excesses on the duct works to the amount of Rs. 1,50,000 can be met from savings on the following items of the revised estimates :—

| | | |
|---|---|---|
| Lake at Tansa ... ... ... ... | Rs. | 50,000 |
| Pipes, special castings, &c. ... ... | ,, | 1,00,000 |

I am now preparing a statement showing what the whole outlay on the project and what the several excesses and savings are likely to be. This, I hope, to have ready very shortly.

2. You will observe that in this certificate the item "arching in aqueducts" is less than the previous certificate ; this is due to the fact that the arching of the Bhandup aqueduct, for which a separate rate had been sanctioned in Commissioner's No. 3943, dated 13th June 1887, has hitherto been included under the general head and is shown separately for the first time in this certificate.

3. The item "tunnel, cross section A" also appears less in this certificate than in the previous one ; this is due to the fact that certain lengths of tunnel which were returned under this head in the previous certificate have since been wholly or partially lined, and come under heads "cross section C" or "cross section B."—I have, &c.,

W. CLERK, C.E.,
Executive Engineer, Tansa Water Works.

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No. 553.

BOMBAY, *7th August* 1891.

To THE ACTING CHIEF ACCOUNTANT.

DEAR SIR,—We have returned to the Tansa Office our certificate for May and June, and we believe it was forwarded to

you yesterday for payment. We shall be much obliged if you will have a cheque for the amount signed to-morrow, so that we may get it on Monday morning certain.

The amount due to us on the abovenamed certificate is Rs. 1,06,602-8-7.—We are, &c., *per pro.* WALSH, LOVETT, MITCHELL & Co. W. FLEWKER.

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Letter No. 1586 dated 7th August 1891, to MESSRS. WALSH, LOVETT, MITCHELL & Co. as under :—

GENTLEMEN,—In reply to your No. 553 of this day's date, I have the honor to inform you that, as the amount of your certificate for May, June and July 1891 received by me from the Tansa office on the evening of the 6th instant, exceeds the amount sanctioned by the Corporation for the construction of the Tansa Duct by Rs. 1,06,067-10-11, I regret I shall not be able to pay the same to you until the excess is formally sanctioned by the Standing Committee, before whom the papers on the subject will be laid for consideration at their meeting on Wednesday next.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

Memorandum No. 1616 dated 11th August 1891, to the Commissioner as under :—

Passed on the Municipal Commissioner for the favour of his obtaining sanction of the Standing Committee to the excess of Rs. 1,06,067-10-11, which will be caused over the provision made for the Duct in the revised estimates for the Tansa Works by the payment of the certificate submitted by the Engineer being met out of the savings pointed out by him.

2. The statement referred to in the latter part of the Engineer's para. 1 has not yet been received in this office.

3. But as the Contractors press for payment, as would appear from the accompanying copies of the correspondence, which passed between them and this office, the necessary sanction will have to be obtained at to-morrow's meeting of the Standing Committee pending the submission of a final report on the subject by the Engineer. SORABJI NAVAROJI COOPER, Chief Accountant.

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Memorandum No. 11357 dated 12th August 1891.

Forwarded to the Standing Committee for favour of sanction. H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram—

No. 5172.

"That, pending receipt of report from Mr. Clerke, showing the several excesses and savings likely to occur on the revised estimates of the Tansa Water Works, sanction be given to the payment to Messrs. Walsh, Lovett, and Mitchell, of Rs. 106,067-10-11, the

amount of present excesses on certain heads of the revised estimates for the duct works. The charge to be met by adjustment of savings on the grants for the construction of the dam and the provision for mains."

*First amendment*, proposed by A. G. Viegas, Esq.—

"That the consideration of the letter of the Commissioner, be postponed until the submission of report of the Engineer on the excesses and revised estimates."

*Not seconded.*

*Amendment*, moved by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Kaikhosro N. Kabraji, Esq.—

"That, in sanctioning this payment, the Committee put on record their regret that the excesses were not reported to them when they occurred."

On a division, the amendment was *lost*, the votes being 5 *for* and 7 *against*.

The original motion was *carried*, the votes being 7 *for* and 3 *against*.

*Resolved* : "That the following be *recorded* :—Memo-

No. 5173. randa Nos. 10661 and 10662, dated 4th instant, from the Commissioner, reporting, with reference to the resolutions of the Standing Committee and Town Council, Nos. 5620 and 4484, dated 9th January 1889 and 3rd October 1888, the transfer of Rs. 82,500—(1) of Rs. 32,500, from the 5 per cent. Municipal Loans Sinking Fund deposit account, to the 35 lakhs various Sanitary Works Loan deposit account, on the 1st August 1891, and (2) of Rs. 50,000, from the surplus cash deposit account, to the Municipal General Fund pass book, on 30th July 1891."

*Resolved* : "That the following be laid on the table :—

No. 5174. Letter, dated 6th instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statements of receipts and disbursements for the month of July last, and compared them with the ledgers and found them correct. Forwarding summary and statement of their scrutiny of accounts."

Considered letter No. 11261, dated 11th instant, to the Secretary, as under :—

SIR,—With reference to the Resolution of the Corporation, No. 11729, dated 12th February last, I have the honor to state that the work of pointing the walls of the filters at the Bhandarwada Reservoir with the Indian patent stone, together with some alterations to the outlet and inlet channels, has been completed and 95 per cent. of leakage has been stopped. This result is very

satisfactory, and the Executive Engineer recommends that the balance of Rs. 40,764-7-0 out of the original grant of Rs. 65,319-8-9 should be expended in the same way on the walls of the settling and distributing basins, and I request the Standing Committee to recommend the Corporation to sanction the execution of this work out of the savings above referred to.

2. In their Resolution No. 11729, of 12th February last, the Corporation sanctioned the transfer of Rs. 65,319-8-9 provided in the current year's budget for rebuilding the eastern wall of the reservoir to the work of repairing the walls and floors of the filter beds. The walls only have been treated, and as it is found that the leakage from the filter beds has been reduced from 116,500 gallons to between 2,000 and 6,000 gallons daily, an amount scarcely more than nominal, it is evident that there is no leakage worth considering through the floors. From the settling basin and distributing basin, when full, the leakage is, however, 190,000 and 250,000 gallons per diem respectively, and this being the state of things, the Engineer's proposal to expend the available balance of Rs. 40,764-7-0 on repointing with Indian patent stone, the material which has proved so successful at the filter beds, the walls of settling and distributing basins, and on such other works within those basins as may be found to be required, should, I think, commend itself to the Corporation.—I have &c., H.A. ACWORTH, Commissioner.

No. 5175.

*Resolved* : "That the following be forwarded to the Corporation :—Letter No. 11261, dated 11th instant, from the Commissioner, reporting, with reference to the Corporation's resolution No. 11729, dated 12th February last, that the work of pointing the walls of the filters at the Bhundarwada (John Hay Grant) Reservoir with patent Indian stone has been completed, and that 95 per cent. leakage has been stopped.

"2. That the Corporation be recommended to sanction the work of pointing with Indian patent stone the walls of the settling and the distributing basins of the reservoir ; as also such other portions of works within those basins as may be found necessary. The amount to be met out of the available balance of Rs. 40,764-7-0, on the original grant of Rs. 65,319-8-9, for repairing the walls and floors of the filter beds of the reservoir."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, and Tansa Lakes and the Pawai Reservoir for the week ending 9th August 1891.

Next Wednesday, the 19th instant, being a gazetted holiday, it was agreed that the meeting of the Committee be held at 2 p.m., on Tuesday, the 18th instant.

* See Appendix C.

BOMBAY, 18*th August* 1891.

AT the meeting of the Standing Committee held this day, there were present:

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE Mr. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE Mr. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; the EXECUTIVE ENGINEER; and the SECRETARY.

The minutes of the meeting held on the 12th instant, were signed.

No. 5457. *Resolved*: "That the following be *recorded*:—Memorandum No. 11595, dated 14th instant, from H. A. Acworth, Esq., C.S., Commissioner, forwarding Government Resolution No. 2826, Financial Department, dated 11th idem, sanctioning the privilege leave to him for two months and one day, from 19th September 1891, as assented by the Standing Commiitee, on 3rd June last."

No. 5458. *Resolved*: "That the following be *recorded*:—Memorandum No. 11350, dated 12th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Surplus Cash Deposit Account, to the Municipal General Fund pass book, on the 5th instant."

Read letter No. 11681, dated 17th instant, to the Secretary, as under:—

SIR,—I have the honor to report, for the information of the Standing Committee and Corporation, that the Chief of the Fire Brigade has condemned as unfit for service the following dead-stock belonging to the Brigade: 4 steamers, 7 manuals, 3 fire-escapes and one brake. The steamers are all more than 20 years old, and Mr. Nicholls states that they are a source of continual anxiety to him. There can be no doubt they ought all to be removed from the active list; of the seven manuals, four are 40 years old or more, two are 9 and one is 7 years old; they are heavy and cumbrous and require double their establishment to move and work them. The three fire-escapes are of an obsolete pattern and ought to be replaced by the telescopic escapes of which we have already ordered three in the current year. The brake, the age of which I do not know, is worn out and unsafe, and a new vehicle is an absolute necessity. The cost of new appliances is estimated to be as follows:—

| | | | |
|---|---|---|---|
| 4 Steamers | at Rs. 9,500 each | ... | Rs. 38,000 |
| 7 Manuals | at „ 1,500 „ | ... | „ 10,500 |
| 3 Fire-escapes | at „ 1,440 „ | ... | „ 4,320 |
| 1 Brake | ... ... ... ... ... | ... | „ 3,000 |
| | | | Rs. 55,820 |

Three of the manuals and the three condemned fire-escapes can, I hope, be sold.

2. In the current year's budget an item of Rs. 31,512 has been entered in the expenditure side to meet interest and sinking fund on account of a loan of 5½ lakhs for Fire Brigade buildings. My proposal for the latter has been formulated and will be immediately before the Standing Committee, and they embrace a loan of 4½ lakhs at 4½ per cent. for 30 years, which, with interest and sinking fund, will demand an annual provision of Rs. 27,700. But in asking for sanction to the proposal, I have also suggested what the Standing Committee has already approved, that no loan should be raised this year, but that expenditure should be met by advances from the considerable balances in our hands. This will set free the sum of Rs. 31,512 already alluded to and it cannot be better spent than on the objects comprised in this letter. I recommend that sanction be given to the transfer of these sums to expenditure on the purchase of three steamers and two manuals.

| | | | |
|---|---|---|---|
| 3 Steamers at | Rs. 9,500 each | ... ... ... | Rs. 28,500 |
| 2 Manuals at | „ 1,500 „ | ... ... ... | „ 3,000 |
| | | | 31,500 |

The remaining articles required should be brought in to the Fire Brigade Budget for next year, and I trust that in the ensuing year 1893-94, it will be possible to reduce the Fire Brigade tax from ¾ to ½ per cent.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Hurkissondas Nurrotumdas, Esq.—

No. 5459. "That, as the Chief of the Fire Brigade has condemned as unfit for further service, on account of old age, 4 steam fire-engines, 7 manual engines, 3 fire-escapes and 1 brake; that, as applied for by the Commissioner, the Corporation be recommended to sanction the grant of Rs. 31,500, for the purchase of 3 steamers (Rs. 28,500) and 2 manuals (Rs. 3,000), the remaining articles to be entered in the ensuing year's Budget.

"That the Corporation be recommended to sanction payment of the cost of these articles by the transfer of Rs. 31,500, from the amount entered in the current year's budget for interest and sinking fund on a loan of Rs. 5,50,000, for the erection of Fire Brigade quarters and stables. The Commissioner suggests that no loan should be raised this year, a recommendation which the Standing Committee approve."

*Amendment*, proposed by A. G. Viegas, Esq., seconded by K. M. Shroff, Esq.—

"That the consideration of the question be postponed for one week and that a Sub-Committee, consisting of the following gentlemen, be appointed to report on the condition of the steamers and manuals:—The Chairman, Colonel

Merewether, Colonel Wilson. The Municipal Commissioner be requested to direct the professional advisers of the Municipality to assist the Sub-Committee."

On a division, the votes were *recorded* as under :—

| | *For.* | *Against.* | |
|---|---|---|---|
| Amendment ... ... ... | 3 | 7 | *Lost.* |
| Original motion ... ... ... | 8 | 3 | *Carried.* |

Read letter No. 11650, dated 17th instant, to the Secretary, as under :—

SIR,—With reference to the Resolution of the Standing Committee, No. 9548, dated 23rd December last, I have the honor to state that the one lakh of rupees, placed at the disposal of the Collector of Bombay for payment of compensation on account of land to be acquired for the new road and cross-roads between Dadar and Matunga, has been nearly spent and that the balance is not sufficient to meet the demands. The Collector, therefore, requests that a further sum of one lakh of rupees may be deposited in the Bank of Bombay to the credit of the account already opened for the purpose. Under the circumstances, I request the sanction of the Standing Committee to the payment of one lakh of Rupees into the Bank of Bombay to the credit of the above fund which will be drawn upon by him as Collector of Land Revenue by means of cheques payable to the owners of land for which the compensation is due. The amount will be debited to the allotment of 15 lakhs for new roads in Agripada and elsewhere.—I have, &c., H. A. ACWORTH, Commissioner.

No. 5460. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 11650, dated 17th instant, sanction be given to his depositing in the Bank of Bombay a further sum of Rs. 1,00,000, to the credit of the account already opened therein, for payment of compensation for land to be acquired under the Land Acquisition Act for the new roads and cross-roads between Dadar and Matunga. The amount to be debited to the allotment of Rs. 15,00,000, for new roads in Agripada and elsewhere."

No. 5461. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 11618, dated 14th instant, sanction be given, under Section 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Pragji Madhowji for the recovery of Solicitors' cost amounting to about Rs. 100, in respect of the preparation of an agreement for acquiring the ground set back from his house in Bazar Gate Street."

No. 5462. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 11458, dated 13th instant, the Corporation be recommended to

sanction the writing off of Rs. 3,260-8-0, from the dead stock return of the Health Department, being the book value of 105 old fixed dust-bins which have been replaced by carts."

*Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 11446 and 11447, dated 13th instant, sanction be given to the transfer of (1) Rs. 38 from savings in Section 7, rent, extra stable accommodation for A and B Wards, conservancy branch, Health Department, to same section, extra stable accommodation, E Ward, same head, same budget, to meet excess in the latter grant caused by the payment of water and halalkhor taxes, as no provision was made for the taxes in the current year's budget ; and (2) to Rs. 42 from savings in Section 7, rent, extra stable accommodation for A and B Wards, conservancy branch, Health Department Budget, to Section 4, repairs to Rustomji Jamsetji Dharamshala, Falkand Road, same head, same budget, to meet excess in the latter section, caused by the payment of water and halalkhor taxes, as no provision was made for the taxes in the current year's budget." No 5463.

In accordance with notice of motion, it was—

Proposed by the Hon'ble Mr. Javerilal U. Yajnik—

"That the Municipal Commissioner be requested to inform the Committee whether Mr. Stevens has completed his work in connection with the assessment of Government buildings and lands in Bombay and reported the result ; whether he has received a copy of the report, and, if he has, whether he will place it on the table of the Committee for the information of the members." No. 5464.

The Commissioner placed on the table a copy of the report of the assessment made by Mr. Stevens, and it was agreed that the same be circulated to the Committee and brought on at the next meeting.

Considered letter No. 1606, dated 10th instant, to the Commissioner, as under :—

SIR,—With reference to the then Town Council's Resolution No. 1444, dated 22nd December 1886, I have the honor to forward herewith ten statements, marked A to J, which embody all the information required in the above resolution.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

**A**

*Works sanctioned out of*

| Nature of Loan Works. | Estimated cost of each work. | Amount of loan sanctioned | Amount of loan actually raised. |
|---|---|---|---|
| 17 LAKHS LOAN. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Main Sewer | 6,04,264 0 0 | ..... | ..... |
| Pipe Sewer | 4,72,364 0 0 | ..... | ..... |
| Outfall Sewer<br>New Pumping Station<br>One pair of engines | 3,50,000 0 0 | .....<br>.....<br>..... | .....<br>.....<br>..... |
| Establishment<br>Contingencies | 2,73,372 0 0 | .....<br>..... | .....<br>..... |
| | 17,00,000 0 0 | 17,00,000 0 0 | 16,94,000 0 0 |
| Kamathipura Works | ..... | ..... | ..... |
| Clerk Road Sewer | ..... | ..... | ..... |
| | 17,00,000 0 0 | 17,00,000 0 0 | 16,94,000 0 0 |
| *Less*—Transferred to Bhandarwada Loan as per Municipal Commissioner's No. 7617 of 14th September 1887 adopted by the Town Council and Corporation | 31,209 0 0 | 31,209 0 0 | 31,209 0 0 |
| | 16,68,791 0 0 | 16,68,791 0 0 | 16,62,791 0 0 |
| Bhandarwada Water Works | 10,00,000 0 0 | 10,00,000 0 0 | 10,00,000 0 0 |
| *Add*—Amount transferred from 17 Lakhs Loan | 31,209 0 0 | 31,209 0 0 | 31,209 0 0 |
| | 10,31,209 0 0 | 10,31,209 0 0 | 10,31,209 0 0 |
| | 27,00,000 0 0 | 27,00,000 0 0 | 26,94,000 0 0 |

*the 27 Lakhs Loan.*

| Date of Repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure up to 31st March 1892. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | ..... | 4,92,691 8 2 | 4,92,691 8 2 | ..... | ..... | ..... |
| | ..... | 2,77,267 13 4 | 2,77,267 13 4 | ..... | 32,476 12 3 | 32,476 12 3 |
| | ..... | 2,55,766 10 0 | 2,55,766 10 0 | ..... | ..... | ..... |
| | ..... | 98,289 9 6 | 98,289 9 6 | ..... | ..... | ..... |
| | ..... | 95,742 3 9 | 95,742 3 9 | ..... | ..... | ..... |
| | 1,45,000 0 0 | ..... | 1,45,000 0 0 | ..... | ..... | ..... |
| | ..... | 1,48,482 5 10 | 1,48,482 5 10 | ..... | 1,343 6 9 | 1,343 6 9 |
| | 1,45,000 0 0 | 13,68,240 2 7 | 15,13,240 2 7 | ..... | 33,820 3 0 | 33,820 3 0 |
| | ..... | 76,471 4 6 | 76,471 4 6 | ..... | ..... | ..... |
| | ..... | 39,259 5 11 | 39,259 5 11 | ..... | ..... | ..... |
| 1st January 1919. | 1,45,000 0 0 | 14,83,970 13 0 | 16,28,970 13 0 | ..... | 33,820 3 0 | 33,820 3 0 |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| | 1,45,000 0 0 | 14,83,970 13 0 | 16,28,970 13 0 | ..... | 33,820 3 0 | 33,820 3 0 |
| | 29,035 7 6 | 9,87,794 5 9 | 10,16,830 13 3 | ..... | ..... | ..... |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| | 29,035 7 6 | 9,87,794 5 9 | 10,16,830 13 3 | ..... | ..... | ..... |
| | 1,74,035 7 6 | 24,71,765 2 9 | 26,45,801 10 3 | ..... | 33,820 3 0 | 33,820 3 0 |

**B.**

*Works sanctioned out of the*

| Nature of Loan Works. | Estimated Cost of each Work. | Amount of Loan sanctioned. | Amount actually raised. |
|---|---|---|---|
| SURFACE DRAINAGE WORKS. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Widening Love Grove Sluices ... ... ... ... ... | 1,61,362 15 4 | ..... | ..... |
| Culvert, &c., under B. B. & C. I. Railway near Bellasis Road .. | 1,791 0 8 | ..... | ..... |
| Khetwadi survey ... ... ... ... ... ... ... | 6,848 0 0 | ..... | ..... |
| Raising level of Khetwadi Roads ... ... ... ... | 27,017 0 0 | ..... | ..... |
| Three branch Drains in Khetwadi and storm-water entrances. | 27,544 8 0 | ..... | ..... |
| Raising private Compounds in Khetwadi ... ... ... | 38,580 0 0 | ..... | ..... |
| Intercepting Drain, Tardeo District, and storm-water entrances | 2,80,753 0 0 | ..... | ..... |
| Making connection between low-level sewer and new Main sewer ... ... ... ... ... ... ... ... | 3,100 0 0 | ..... | ..... |
| Intercepting Drain from Pydhoni to Bellasis Road and storm-water entrances ... ... ... ... ... ... ... | 3,39,516 8 0 | ..... | ..... |
| Enlarging old open main drain ... ... ... ... ... | 1,06,091 0 0 | ..... | ..... |
| Laying a new 24" main and removing old 24" Tulsi main and filling up the Haines Road entrance ... ... ... ... | 32,688 0 0 | ..... | ..... |
| Constructing storage reservoir on the Flats and raising level of manholes in sewers ... ... ... ... ... ... | 1,98,840 0 0 | ..... | ..... |
| Establishment ... ... ... ... ... ... ... | 1,34,163 0 0 | ..... | ..... |
| Contingencies ... ... ... ... ... ... ... ... | 53,705 0 0 | ..... | ..... |
| Extra petty works executed out of savings in S. E. Osman's Contract ... ... ... ... ... ... ... ... | ..... | ..... | ..... |
| | 14,12,000 0 0 | | |
| *Deduct*—Amount transferred to Queen's Road intercepting Sewer as per Town Council's Resolution No. 2368, dated 17th Nov. 1882. Rs. a. p. 24,317 0 0 | | | |
| Amount transferred to ovoid sewer from Crawford Market to Mint (*vide* Standing Committee's Reso. No. 5264, dated 14th Nov. 1888) 5,890 11 4 | | | |
| Do. do. do. ... 1,961 13 9 | 32,169 9 1 | ..... | ..... |
| | 13,79,830 6 11 | ..... | ..... |
| *Deduct*—Amount paid from the 6 Lakhs Loan ... ... ... | 6,00,000 0 0 | ..... | ..... |
| | 7,79,830 6 11 | ..... | ..... |
| PART OF 15 LAKHS LOAN. Rs. a. p. | | | |
| Queen's Road intercepting sewer, including compensation for land ... ... ... ... 1,92,000 0 0 | | | |
| Transfer from Surface Drainage Works as per Town Council's Resolution No. 2368, dated 17th Nov. 1882 ... ... ... ... ... 24,317 0 0 | | | |
| | 2,16,317 0 0 | | |
| Rs. a. p. | | | |
| *Less*—Contribution received from Government ...50,000 0 0 | | | |
| Cost of Establishment ...12,348 0 0 | | | |
| 62,348 0 0 | | | |
| | 1,53,969 0 0 | ..... | ..... |
| House Connection without Privy fitting ... ... ... ... 5,71,165 0 0 | | | |
| *Add*—Transferred from Argyll Road, Standing Committee's Resolution No. 5192, dated 20th June 1888 ... ... 19,046 14 4 | | | |
| 5,90,211 14 4 | | | |
| *Less*—Amount transferred to meet excess on Pumping Engines, Town Council Resolution No. 52 of 18th January 1882... ..... 11,600 0 0 | | | |
| | 5,78,611 14 4 | ..... | ..... |
| Part of 15 Lakhs Loan carried over ...Rs. | 7,32,580 14 4 | ..... | ..... |
| Surface Drainage Works carried over ...Rs. | 7,79,830 6 11 | ..... | ..... |

## 44 *Lakhs Sanitary Works Loan.*

| Date of Repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure for 1891-92. | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Works Establishment Fund. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | ..... | 1,57,326 7 7 | 1,57,326 7 7 | ..... | ..... | ..... |
| | ..... | 1,791 0 8 | 1,791 0 8 | ..... | ..... | ..... |
| | ..... | 5,599 10 0 | 5,599 10 0 | ..... | ..... | ..... |
| | ..... | 28,355 0 1 | 28,355 0 1 | ..... | ..... | ..... |
| | ..... | 31,711 15 6 | 31,711 15 6 | ..... | ..... | ..... |
| | ..... | 25,336 2 1 | 25,336 2 1 | ..... | ..... | ..... |
| | ..... | 1,69,851 10 4 | 1,69,851 10 4 | ..... | ..... | ..... |
| | ..... | 2,610 8 10 | 2,610 8 10 | ..... | ..... | ..... |
| | ..... | 3,03,229 3 9 | 3,03,229 3 9 | ..... | ..... | ..... |
| | ..... | 71,318 13 5 | 71,318 13 5 | ..... | ..... | ..... |
| | ..... | 74,226 14 0 | 74,226 14 0 | ..... | ..... | ..... |
| | ..... | 1,86,225 12 6 | 1,86,225 12 6 | ..... | ..... | ..... |
| | 1,21,413 0 0 | ..... | 1,21,413 0 0 | ..... | ..... | ..... |
| | ..... | 44,654 8 2 | 44,654 8 2 | ..... | 2,105 4 6 | 2,105 4 6 |
| | ..... | 92,248 4 5 | 92,248 4 5 | ..... | ..... | ..... |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| | 1,21,413 0 0 | 11,94,485 15 4 | 13,15,898 15 4 | ..... | 2,105 4 6 | 2,105 4 6 |
| | ..... | 6,00,000 0 0 | 6,00,000 0 0 | ..... | ..... | ..... |
| | 1,21,413 0 0 | 5,94,485 15 4 | 7,15,898 15 4 | ..... | 2,105 4 6 | 2,105 4 6 |
| | ..... | 1,53,969 0 0 | 1,53,969 0 0 | ..... | ..... | ..... |
| | ..... | 84,964 2 7 | 84,964 2 7 | ..... | 3,58,634 1 1 | 3,58,634 1 1 |
| | ..... | 2,38,933 2 7 | 2,38,933 2 7 | ..... | 3,58,634 1 1 | 3,58,634 1 1 |
| | 1,21,413 0 0 | 5,94,485 15 4 | 7,15,898 15 4 | ..... | 2,105 4 6 | 2,105 4 6 |

**B**

*Works sanctioned out of the*

| Nature of Loan Works. | | | | Estimated Cost of each Work. | Amount of Loan sanctioned. | Amount actually raised. |
|---|---|---|---|---|---|---|
| | | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Surface Drainage Work brought forward ... | | | Rs. | 7,79,880 6 4 | ..... | ..... |
| Part of 15 Lakhs Loan brought forward ... | | | Rs. | 7,32,580 14 4 | ..... | ..... |
| Automatic flushers at heads of gullies ... .. ... ... | | | | 5,570 0 0 | ..... | ..... |
| | | Rs. | a. p | | | |
| Two more Pumping Engines ... ... ... | | 88,000 | 0 0 | | | |
| Additional grant sanctioned under Town Council's Resolution No. 52, dated 13th January 1882 ... | | 9,600 | 0 0 | | | |
| Extra Machinery for Engines ... ... ... | | 2,000 | 0 0 | | | |
| | | | | 99,600 0 0 | .. ... | ..... |
| House connections, Kamathipura ... ... ... ... ... | | | | 60,161 0 0 | ..... | ..... |
| Provision for shaft ventilators throughout ... ... ... | | | | 45,652 0 0 | ..... | ..... |
| Establishment... ... ... ... ... ... ... | | | | 89,239 0 0 | ..... | ..... |
| House connections survey ... ... ... ... ... ... | | | | 4,621 0 0 | ..... | ..... |
| Survey of pipe sewers ... ... ... ... ... ... | | | | 5,113 0 0 | ..... | ..... |
| Closing storm-water openings in Frere Road Sewer | | Rs. | 22,827 | | | |
| *Add*—Amount transferred from Argyll Road Drain (*see* Standing Committee's Resolution No. 4657, dated 30th October 1889) ... ... ... ... | | ,, | 2,369 | | | |
| | | | | 25,196 0 0 | ..... | ..... |
| | | | | 10,67,732 14 4 | ..... | ..... |
| PART OF Rs. 20,88,000 LOAN. | | | | | | |
| Pipe Sewer from Clare Road along south portions of Haines Road and DeLisle Road ... | | 1,05,956 | 0 0 | | | |
| *Add*—Transferred from Ovoid Sewer, Argyll Rd. do. Fort Drainage. Corporation's Resolution No. 1250, dated 5th June 1890 ... | | 3,783 | 15 1 | | | |
| | | 4,521 | 1 6 | | | |
| | | | | 1,14,260 0 7 | ..... | ..... |
| Pipe Sewer from Parel Workshops to Clerk Road Ovoid Sewer ... ... ... ... ... ... ... ... ... | | | | 65,891 0 0 | ..... | ..... |
| Extension of Clerk Road Ovoid Sewer to Parel Road ... | | | | 35,588 0 0 | ..... | ..... |
| Ovoid Sewer across the Old Race Course ... | | 63,320 | 0 0 | | | |
| *Less*—Transferred to construction of a double stories chawl for Water Works men at Chinchpokli ... ... ... ... ... | | 850 | 3 8 | | | |
| | | | | 62,469 12 4 | ..... | ..... |
| Ovoid Sewer from the Crawford Market down Horaby Road and Bazar Gate, thence to the Mint ... ... ... ... ... ... | | 85,287 | 0 0 | | | |
| *Add*—Amount transferred from Surface Drainage Works under Standing Committee's Resolution No. 5264, dated 14th November 1888 ... | | 5,890 | 11 4 | | | |
| *Do.* do. do. ... | | 1,961 | 13 9 | | | |
| | | | | 93,139 9 1 | ..... | ..... |
| Ovoid Sewer, Argyll Road ... ... ... | | 25,200 | 0 0 | | | |
| *Less*—Amount transferred to Khetwadi house-connections | Rs. a. p. 19,046 14 4 | | | | | |
| Amount transferred to 15 Lakhs Loan (closing storm-water entrance to Frere Road)—(Standing Committee's Resolution No. 4657, dated 30th Oct. 1889) | 2,369 0 0 | | | | | |
| Amount transferred to pipe sewer from Clare Road along south portion of Haines Road. | 3,783 15 1 | | | | | |
| | | 25,199 | 13 5 | | | |
| | | | | 0 2 7 | ..... | ..... |
| Establishment ... .. .. . ... ... ... | | | | 86,309 0 0 | ..... | ..... |
| | | | | 4,07,657 8 7 | ..... | ..... |
| | Carried over... | | Rs. | 22,55,220 15 10 | ..... | ..... |

*—continued.*

## 44 *Lakhs Sanitary Works Loan.*

| Date of Repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure for 1891-92. | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Works Establishment Fund. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | 1,21,413 0 0 | 5,94,485 15 4 | 7,15,898 15 4 | ..... | 2,105 4 6 | 2,105 4 6 |
| | ..... | 2,38,933 2 7 | 2,38,933 2 7 | ..... | 3,58,634 2 1 | 3,58,634 1 1 |
| | ..... | ..... | ..... | ..... | 5,570 0 0 | 5,570 0 0 |
| | ..... | 98,438 1 9 | 98,438 1 9 | ..... | ..... | ..... |
| | ..... | 32,973 0 4 | 32,973 0 4 | ..... | 27,187 15 8 | 27,187 15 8 |
| | ..... | 44,947 0 6 | 44,947 0 6 | ..... | 704 15 6 | 704 15 6 |
| | 88,869 0 0 | ..... | 88,869 0 0 | ..... | ..... | ..... |
| | 4,561 13 3 | ..... | 4,561 13 3 | ..... | ..... | ..... |
| | ..... | ..... | ..... | ..... | 5,113 0 0 | 5,113 0 0 |
| | ..... | 17,108 9 6 | 17,108 9 6 | ..... | 8,087 6 6 | 8,087 6 6 |
| | 93,430 13 3 | 4,32,399 14 8 | 5,25,830 11 11 | ..... | 4,05,297 6 9 | 4,05,297 6 9 |
| | ..... | 1,14,260 0 7 | 1,14,260 0 7 | ..... | ..... | ..... |
| | ..... | 65,793 9 11 | 65,793 9 11 | ..... | ..... | ..... |
| | ..... | 35,569 8 0 | 35,569 8 0 | ..... | ..... | ..... |
| | ..... | 59,746 13 2 | 59,746 13 2 | ..... | ..... | ..... |
| | ..... | 89,401 11 9 | 89,401 11 9 | ..... | ..... | ..... |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| | 36,309 0 0 | ..... | 36,309 0 0 | ..... | ..... | ..... |
| | 36,309 0 0 | 3,64,771 11 5 | 4,01,080 11 5 | ..... | ..... | ..... |
| | 2,51,152 13 3 | 13,91,657 9 5 | 16,12,810 6 8 | ..... | 4,07,402 11 3 | 4,07,402 11 3 |

**B—**

*Works sanctioned out of the*

| Nature of Loan Works. | Estimated Cost of each Work. | Amount of Loans Sanctioned. | Amount actually raised. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Brought forward ...Rs. | 22,55,220 13 10 | ..... | ..... |
| **WATER WORKS.** | | | |
| 1. Malabar Hill Reservoir ... ... ... ... ... ... | 4,00,000 0 0 | ..... | ..... |
| 2. Tulsi gathering ground, purchase of ... ... ... ... | 96,336 0 0 | ..... | ..... |
| 3. Improving water supply of the outlying districts Rs. 7,14,000—Rs. 1,083-2-8 transferred to Vehar filter beds ... ... ... ... ... Rs. a. p. | 7,12,916 13 4 | ..... | ..... |
| 4. Construction of filter beds at Vehar ... 1,01,000 0 0 | | | |
| *Add*—Transferred ... 12,216 15 11* | | | |
| | 1,13,216 15 11 | ..... | ..... |
| 5. Raising the Tulsi Dams (including pitching of Dams) Rs. 1,88,000—Rs. 7,792-10-4 transferred to Vehar filters | 1,80,206 5 8 | ..... | ..... |
| 6. Providing additional catch-water channels at Vehar and Tulsi Rs. 1,15,716—Rs. 10,285-1-3 transferred to meet excess on Bhandarwada Loan ... ... ... ... | 1,05,430 14 9 | ..... | ..... |
| 7. Check meters for prevention of waste of water Rs. 1,50,000 —Rs. 2,911-1-6 transferred to Vehar filters and Rs. 13,399-10-6 transferred to meet excess on Bhandarwada Loan ... ... ... ... ... ... ... | 1,33,689 4 0 | ..... | ..... |
| 8. New Hydrants ... ... ... ... ... ... ... | 22,900 0 0 | ..... | ..... |
| 9. Construction of a double storied chawl for Water Works staff... ... ... ... Rs. a. p. 30,577 0 0 | | | |
| *Add*—Transferred from Ripon Road Ovoid Sewer grant... Rs. a. p. 850 3 8 | | | |
| Do. Ripon Road grant ... 425 0 0 | | | |
| 1,275 3 8 | 31,852 3 8 | ..... | ..... |
| 10. Provision of a turbine at the Malabar Hill Reservoir ... | 2,500 0 0 | ..... | ..... |
| 11. Enlargement of different mains, &c. ... ... ... | 1,12,892 0 0 | ..... | ..... |
| 12. New water main from the Junction of Nesbit Road ... | 15,000 0 0 | ..... | ..... |
| Excess on Bhandarwada Water Works Loan— | | | |
| Transferred from Catch-water Channels at Vehar and Tulsi... Rs. a. p. 10,285 1 3 | | | |
| Do. do. Check meters for prevention of waste of water ... 13,399 10 6 | | | |
| | 23,684 11 9 | ..... | ..... |
| | 19,00,625 5 1 | ..... | ..... |
| **ROADS.** | | | |
| New road from Bellasis Road across Old Race Course ... ... ... ... ... 1,43,292 0 0 | | | |
| *Deduct*—Amount transferred to Water Works chawl ... ... ... ... 425 0 0 | | | |
| | 1,42,867 0 0 | ..... | ..... |
| **OTHER SANITARY WORKS.** | | | |
| Enlargement of Dhobi Lines at Mahaluxmi ... ... | 50,000 0 0 | ..... | ..... |
| Chawl for Gowlis working at the Agripada Milch Cattle Stables ... ... ... ... ... ... ... ... | 6,237 0 0 | ..... | ..... |
| Rs. a. p. | | | |
| Health Department stables at Bori Bandar 50,000 0 0 | | | |
| *Less*—Transferred to construction of filter beds at Vehar ... ... ... ... 429 1 5 | | | |
| | 49,570 14 7 | ..... | ..... |
| | 1,05,807 14 7 | ..... | ..... |
| Grand Total 44 Lakhs Sanitary Works Loan... ... | †44,04,521 1 6 | †44,04,521 1 6 | †44,04,521 1 6 |

* Transferred from improving the water supply of the outlying districts ... Rs. a. p. 1,083 2 8
Do. Raising the Tulsi Dams ... 7,793 10 4
Do. Check Meters ... ... ... 2,911 1 6
Do. Bori Bandar Stables ... ... 429 1 5
12,216 15 11

† Including Rs. 4,521-1-6 transferred from the 7 lakhs Sanitary Works Loan Drainage in the grant for Agripada

*continued.*

44 *Lakhs Sanitary Works Loan.*

| Date of Repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure for 1891-92. | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Works Establishment Fund. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | 2,51,152 13 3 | 13,91,657 9 5 | 16,42,810 6 8 | ..... | 4,07,402 11 3 | 4,07,402 11 3 |
| | 41,566 0 0 | 3,58,434 0 0 | 4,00,000 0 0 | ..... | ..... | ..... |
| | ..... | 94,500 0 0 | 94,500 0 0 | ..... | ..... | ..... |
| | 30,365 0 0 | 6,82,065 0 8 | 7,12,430 0 8 | ..... | ..... | ..... |
| | 8,783 0 0 | 1,04,433 15 11 | 1,13,216 15 11 | ..... | ..... | ..... |
| | 10,434 0 0 | 1,17,520 15 5 | 1,27,954 15 5 | ..... | ..... | ..... |
| | 10,062 0 0 | 95,368 14 9 | 1,05,430 14 9 | ..... | ..... | ..... |
| | 6,522 0 0 | 1,27,132 14 8 | 1,33,654 14 8 | ..... | ..... | ..... |
| | 1,991 0 0 | 20,876 7 1 | 22,867 7 1 | ..... | ..... | ..... |
| | 2,659 0 0 | 29,182 3 3 | 31,841 3 3 | ..... | ..... | ..... |
| | 218 0 0 | 2,282 0 0 | 2,500 0 0 | ..... | ..... | ..... |
| | 9,736 0 0 | 1,03,130 8 6 | 1,12,866 8 6 | ..... | ..... | ..... |
| | ..... | 15,000 0 0 | 15,000 0 0 | ..... | ..... | ..... |
| | ..... | 23,684 11 9 | 23,684 11 9 | ..... | ..... | ..... |
| | 1,22,336 0 0 | 17,73,611 12 0 | 18,95,947 12 0 | ..... | ..... | ..... |
| | 12,461 0 0 | 1,28,646 4 2 | 1,41,107 4 2 | ..... | 1,759 11 10 | 1,759 11 10 |
| | 4,848 0 0 | 28,499 12 3 | 32,847 12 3 | ..... | ..... | ..... |
| | 107 2 6 | 6,129 13 6 | 6,237 0 0 | ..... | ..... | ..... |
| | 4,348 0 0 | 43,677 13 3 | 48,025 13 3 | ..... | ..... | ..... |
| | 8,803 2 6 | 78,307 7 0 | 87,110 9 6 | ..... | ..... | ..... |
| 1st July 1925 | 8,94,752 15 9 | 33,72,223 0 7 | 37,66,976 0 4 | ..... | 4,09,162 7 1 | 4,09,162 7 1 |

of the Fort as per Corporation's Resolution No. 1950, dated 5th June 1890, to meet excess
Pipe Sewer Works.

**C, D**

*7 Lakhs Sanitary Works Loan,*

| Nature of Loan Works. | | Estimated cost of each Work. | Amount of Loan sanctioned. | Amount actually raised. |
|---|---|---|---|---|
| **C.** | | | | |
| SANITARY WORKS LOAN OF 7 LAKHS. | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. Drainage of the Fort ... ... ... ... | 4,53,329 0 0 | | | |
| *Less*—Transferred to Pipe Sewerage from Clare Road along south portions of Haines Road (Corporation's Resolution No. 1250 of 5th June 1890.) ... ... | 4,521 1 6 | | | |
| | | 4,48,807 14 6 | ..... | ..... |
| 2. Malabar Hill Reservoir roofing, extra grant... ... ... | | 1,58,750 0 0 | ..... | ..... |
| 3. Additional works at Love Grove Pumping Station ... | | 39,724 0 0 | ..... | ..... |
| 4. Increasing and improving the distribution of water supply and providing higher levels, Tulsi District, with filtered water ... ... ... ... ... ... ... ... | | 21,050 0 0 | ..... | ..... |
| 5. Constructing pipe drains in certain roads in Khetwadi ... | | 6,290 0 0 | ..... | ..... |
| 6. Do. side drain in Wari Bandar Road ... ... | | 9,046 0 0 | ..... | ..... |
| 7. Extra grant for the adjustment of expenditure on Bhaudarwada Reservoir Works, new Outlet Tower at Vehar, less savings on 17 lakhs Loan Works and various Water Works included in the Sanitary Works Loan of 44 lakhs.. | | 10,589 0 0 | ..... | ..... |
| 8. Extra grant on account of Queen's Road intercepting Sewer ... ... ... ... ... ... ... ... | | 13,544 0 0 | ..... | ..... |
| | | 7,07,800 14 6 | ..... | ..... |
| Or say, Rupees... ... | | *6,95,478 14 6 | *6,95,478 14 6 | *6,95,478 14 6 |
| **D.** | | | | |
| TANSA WATER WORKS LOAN OF Rs. 1,47,00,000. | | | | |
| Tansa Works ... ... ... ... ... ... | | 1,23,00,000 0 0 | 1,23,00,000 0 0 | 1,22,00 000 0 0 |
| To be raised in 1891-92... ... ... ... ... ... | | .. ... | ..... | 25,00,000 0 0 |
| | | | | 1,47,00,000 0 0 |
| **E.** | | | | |
| 12 LAKHS LOAN OF 1887-88. | | | | |
| 1. Queen's Road House Sullage Water Connections ... ... | | 11,14,929 0 0 | ..... | ..... |
| 2. Water Mains in Frere Road ... ... ... ... ... | | 85,000 0 0 | ..... | ..... |
| | | 11,99,929 0 0 | | |
| Or say, Rupees... ... | | 12,00,000 0 0 | 12,00,000 0 0 | 12,00,000 0 0 |

* Excluding Rs. 4,521-1-6 transferred as per Corporation's Resolution No. 1950,

**& E.**

*Tansa Loan, and 12 Lakhs Loan.*

| Date of repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure for 1891-92. | | |
|---|---|---|---|---|---|---|
| | Amount of 10 per cent. transferred to Loan Works Establishment Fund or actual Establishment Charges. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | 39,419 0 0 | 3,46,372 7 11 | 3,85,791 7 11 | ..... | 63,016 6 7 | 63,016 6 7 |
| | ..... | 1,14,039 2 6 | 1,14,039 2 6 | ..... | ..... | ..... |
| | ..... | 34,645 9 6 | 34,645 9 6 | ..... | ..... | ..... |
| | ..... | 20,211 8 4 | 20,211 8 4 | ..... | ..... | ..... |
| | ..... | 5,282 6 0 | 5,282 6 0 | ..... | ..... | ..... |
| | ..... | 4,934 0 1 | 4,934 0 1 | ..... | ..... | ..... |
| | ..... | 7,990 10 6 | 7,990 10 6 | ..... | ..... | ..... |
| | ..... | 6,933 10 8 | 6,933 10 8 | ..... | ..... | ..... |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| 1st Feb. 1928. | 39,419 0 0 | 5,40,409 7 6 | 5,79,828 7 6 | ..... | 63,016 6 7 | 63,016 6 7 |
| 45 lakhs repayable not later than 60 years from 1st January 1893, and the balance not later than 40 years from the same date. | 3,89,215 11 8 | 1,21,48,152 13 2 | 1,25,37,368 8 5 | 83,000 0 0 | 20,79,631 7 7 | 21,62,631 7 7 |
| | ..... | ..... | ..... | ..... | ..... | ..... |
| | 41,479 7 5 | 6,20,673 0 6 | 6,62,152 7 11 | ..... | 4,52,776 1 | 4,52,776 8 1 |
| | 918 8 9 | 79,112 12 3 | 80,031 5 0 | ..... | ..... | ..... |
| 1st January 1928 | 42,398 0 2 | 6,99,785 12 9 | 7,42,183 12 11 | ..... | 4,52,776 8 1 | 4,52,776 8 1 |

dated 5th June 1890, to meet excess in the grant for Agripada Pipe Sewer Works.

## F.

*Loan of Rs.* 10,08,500 *of* 1888-89

| Nature of Loan Works. | Estimated cost of each Work. | Amount of Loan sanctioned. | Amount actually raised up to 1890-91. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. New Market at Colaba ... ... .. ... ... ... | 50,300 0 0 | ..... | ..... |
| 2. Erskine Road Market Extension ... ... ... ... | 4,04,122 0 0 | ..... | ..... |
| 3. Arthur Crawford Market Extension ... ... ... ... | 49,942 0 0 | ..... | ..... |
| | 5,04,364 0 0 or say 5,00,000 0 0 | 5,00,000 0 0 | ..... |
| 1. Extension of Parel Storm-water Drain to Shepherd Road... ... ... ... ... ... ... ... ... | 33,742 0 0 | ..... | ..... |
| 2. Storm-water Drain from Bellasis Road to ⅜ the length of Ripon Road ... .. ... ... ... ... ... | 23,436 0 0 | | |
| 3. 9" Pipe Sewer along Bellasis Road, Foras Road, and Gilder Street .. ... ... ... ... ... .. | 29,822 0 0 | ..... | ..... |
| 4. Concrete Trench Waste Weir, Vehar ... ... .. | 35,000 0 0 | ..... | ..... |
| 5. Mains in 14 Streets, west of Frere Road .. ... ... | 17,325 0 0 | ..... | ..... |
| 6. Do. in various Streets ... ... ... ... ... | 51,475 0 0 | | |
| 7. Arthur Road Connection Works ... ... ... ... | 13,200 0 0 | ..... | ..... |
| 8. Deacon's Meters ... ... ... ... . ... ... | 18,000 0 0 | ..... | ..... |
| 9. Cross Road at Mahaluxmi Station .. ... ... ... | 25,000 0 0 | ..... | ..... |
| 10. Road through Navroji Hill ... ... ... ... ... | 2,63,875 0 0 | ..... | ..... |
| | 5,08,875 0 0 | 5,08,875 0 0 | ..... |
| | 10,08,875 0 0 | 10,08,875 0 0 | 10,08,500 0 0 |

## G

*Loan of Rs.* 2,48,000 *of* 1838-89

| Nature of Loan Works. | Estimated Cost of each Work. | Amount of Loan sanctioned. | Amount actually raised up to 1890-91. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| [illegible] House Sullage Water Connections ... ... .. | 2,1[illegible]42 0 0 | 2,48,000 0 0 | 2,48,000 0 0 |

*for Miscellaneous Works.*

| Date of repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure in 1891-92. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Work. | Total. | Establishment. | Work. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | ..... | ..... | ..... | 3,240 0 0 | 47,060 0 0 | 50,300 0 0 |
| | ..... | 3,33,593 10 2 | 3,33,593 10 2 | ..... | 66,164 5 10 | 66,164 5 10 |
| | ..... | 231 12 0 | 231 12 0 | 3,000 0 0 | 46,710 4 0 | 49,710 4 0 |
| | ..... | 3,33,825 6 2 | 3,33,825 6 2 | 6,240 0 0 | 1,59,934 9 10 | 1,66,174 9 10 |
| | 1,839 15 7 | 35,810 9 3 | 37,650 8 10 | ..... | 19,527 7 2 | 19,527 7 2 |
| | 1,587 12 11 | 15,702 11 2 | 17,290 8 1 | ..... | 12,531 7 11 | 12,531 7 11 |
| | 1,324 6 2 | 29,284 0 11 | 30,608 7 1 | ..... | ..... | ..... |
| | 1,321 1 7 | 57,954 0 1 | 59,275 1 8 | ..... | ..... | ..... |
| | ..... | 9,542 10 5 | 9,542 10 5 | ..... | ..... | ..... |
| | ..... | 16,788 0 0 | 16,788 0 0 | ..... | ..... | ..... |
| | ..... | 14,155 10 8 | 14,155 10 8 | ..... | 8,844 5 4 | 8,844 5 4 |
| | ..... | ..... | ..... | 7,680 0 0 | 2,56,195 0 0 | 2,63,875 0 0 |
| | 6,073 4 3 | 1,79,237 10 6 | 1,85,310 14 9 | 7,680 0 0 | 2,97,098 4 5 | 3,04,778 4 5 |
| 1st Oct. 1928 | 6,073 4 3 | 5,13,063 0 8 | 5,19,136 4 11 | 13,920 0 0 | 4,57,032 14 3 | 4,70,952 14 3 |

*for Agripada House Sullage Water Connections.*

| Date of repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated expenditure in 1891-92. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Work. | Total. | Establishment. | Work. | Total |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1st July 1929 | 2,461 13 11 | 24,722 1 1 | 27,183 15 0 | 10,800 0 0 | 2,10,016 1 0 | 2,20,816 1 0 |

**H.**

*Loan of Rs.* 35,00,000 *of* 1890-91

| Nature of Loan Works. | Estimated Cost of each Work. | Amount of Loan sanctioned. | Amount actually raised up to 1890-91. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1. Pawai Water Works ... ... ... ... ... ... | 7,00,000 0 0 | ..... | ..... |
| 2. Additional Water Mains ... ... ... ... ... | 1,00,000 0 0 | ..... | ..... |
| 3. Improvement Works at the Malabar Hill Reservoir ... | 1,00,000 0 0 | ..... | ..... |
| 4. Extension of Catch-water Channels at Tulsi... ... ... | 20,836 9 1 | ..... | ..... |
| 5. Roads and Streets in Agripada and elsewhere ... ... | 15,00,000 0 0 | ..... | ..... |
| 6. Difference between the amount provided in the Loan of Rs. 10,08,500 for road through Navroji Hill Road from Elphinstone Bridge to Dongri Street and the revised amount sanctioned for the road in Municipal Corporation's Resolution No. 5293, dated 19th November 1888... | 68,148 0 0 | ..... | ..... |
| 7. Sewer flushing arrangements ... ... ... ... ... | 14,000 0 0 | ..... | ..... |
| 8. Purchase of land on the Flats for the disposal of town sweepings ... ... ... ... .. ... ... | 2,00,000 0 0 | ..... | ..... |
| 9. Health Department bullock stables and quarters for scavengers ... ... ... ... ... ... ... ... | 1,50,000 0 0 | ..... | ..... |
| 10. Chawl for Halalkhors in Cursetji Sooklaji Street ... ... | 86,000 0 0 | ..... | ..... |
| 11. Labourers' quarters in connection with the Arthur Crawford Markets ... ... ... ... ... ... ... | 22,700 0 0 | ..... | ..... |
| 12. Purchase of land at Arthur Road ... ... ... ... | 23,676 0 0 | ..... | ..... |
| 13. Bhuleshwar Market extension ... ... .. ... ... | 4,50,000 0 0 | ..... | ..... |
| 14. New Market at Foras Road ... ... ... ... ... | 50,000 0 0 | ..... | ..... |
| | 34,85,360 9 1 or say 35,00,000 0 0 | 35,00,000 0 0 | 35,00,000 0 0 |

**I**

*Loan of Rs.* 8 *Lakhs for New*

| Nature of Loan Works. | Estimated cost of works to be met by a Loan. | Amount of Loan sanctioned. | Amount to be raised during 1891-92. |
|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Municipal Office Building ... ... ... ... ... ... | 8,20,768 13 9 or say, 8,00,000 0 0 | 8,00,000 0 0 | 8,00,000 0 0 |

*for various Sanitary Works.*

| Date of repayment of the Loan. | Expenditure up to 31st March 1891. | | | Estimated expenditure, 1891-92. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Work. | Total. | Establishment. | Work. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| | 15,952 3 7 | 4,37,374 9 5 | 4,53,326 13 0 | ..... | 2,46,673 3 0 | 2,46,673 3 0 |
| | 479 2 8 | 65,166 1 8 | 65,645 4 4 | 116 2 0 | 34,238 9 8 | 34,354 11 8 |
| | 1,916 3 10 | 78,316 0 6 | 80,232 4 4 | ..... | 19,767 11 8 | 19,767 11 8 |
| | 455 3 2 | 20,381 5 11 | 20,836 9 1 | ..... | ..... | ..... |
| | 4,739 3 8 | 1,94,120 3 7 | 1,98,859 7 3 | 6,600 0 0 | 12,94,540 8 9 | 13,01,140 8 9 |
| | ..... | ..... | ..... | ..... | 68,148 0 0 | 68,148 0 0 |
| | ..... | ..... | ..... | 900 0 0 | 13,100 0 0 | 14,000 0 0 |
| | ..... | 1,98,913 8 8 | 1,98,913 8 8 | ..... | ..... | ..... |
| | ..... | ..... | ..... | 6,000 0 0 | 1,44,000 0 0 | 1,50,000 0 0 |
| | ..... | 181 0 0 | 181 0 0 | 4,440 0 0 | 81,379 0 0 | 85,819 0 0 |
| | ..... | ..... | ..... | ..... | 22,700 0 0 | 22,700 0 0 |
| | ..... | ..... | ..... | ..... | 23,676 0 0 | 23,676 0 0 |
| | ..... | 1,92,303 5 5 | 1,92,303 5 5 | 2,280 0 0 | 2,55,416 10 7 | 2,57,696 10 7 |
| | ..... | ..... | ..... | 3,000 0 0 | 47,000 0 0 | 50,000 0 0 |
| 1st July 1930 | 23,542 0 11 | 11,86,756 8 2 | 12,10,298 4 1 | 23,336 2 0 | 22,50,639 11 8 | 22,73,975 13 8 |

*Municipal Office Building.*

| Date of repayment of Loan. | Expenditure up to 31st March 1891. | | | Estimated Expenditure in 1891-92. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Works. | Total. | Establishment. | Works. | Total. |
| | | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1st July 1931 | The expenditure has been met from the Fund set apart from current Revenue. | | | 8,676 0 0 | 4,91,667 13 2 | 5,00,343 13 2 |

# J.

*Advances for Works pending the final decision of the Corporation as to the raising of the necessary Loans or otherwise.*

| | Actual Expenditure up to 1890-91. | | | Estimated Expenditure during 1891-92. | | |
|---|---|---|---|---|---|---|
| | Establishment. | Works. | Total. | Establishment. | Works. | Total. |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Survey for Pipe Sewers in Umerkhari and other roads ... | 11,621 6 1 | ..... | 11,621 6 1 | ..... | ..... | ..... |
| Ward Office at Dadur... ... ... ... ... ... ... | ..... | 14,140 0 0 | 14,140 0 0 | ..... | ..... | ..... |
| Improvement and Extension of the Victoria Gardens ... ... | ..... | 2,29,868 12 7 | 2,29,868 12 7 | ..... | 10,131 3 5 | 10,131 3 5 |
| Filling in rocky and unusable parts of Roman Catholic portion of Haines Road Cemetery ... ... ... .. ... | ..... | 7,787 13 5 | 7,787 13 5 | ..... | 2,090 2 7 | 2,090 2 7 |
| Total ... | 11,621 6 1 | 2,51,796 10 0 | 2,63,418 0 1 | ..... | 12,221 6 0 | 12,221 6 0 |

# K

## SUMMARY.

| | Estimated cost of Works. | Amount of Loan sanctioned. | Amount actually raised or to be raised up to 1891-92. | Expenditure up to 31st Mar. 1891. | Estimated Expenditure for 1891-92. | Total anticipated Expenditure up to 1891-92. | Probable Balance on 31st March 1892. |
|---|---|---|---|---|---|---|---|
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 27 Lakhs Loan as per statement marked A ... | 27,00,000 0 0 | 27,00,000 0 0 | 26,94,000 0 0 | 26,45,801 10 3 | 33,820 8 0 | 26,79,621 13 3 | 14,378 2 9 |
| 44 Do. do do. do. B... | 44,04,521 1 6 | 44,04,521 1 6 | 44,04,521 1 6 | 37,66,976 0 4 | 4,09,162 7 1 | 41,76,138 7 5 | 2,28,382 10 1 |
| Sanitary Works Loan of 7 Lakhs as per statement marked C ... ... ... ... ... | 6,95,478 14 6 | 6,95,478 14 6 | 6,95,478 14 6 | 5,79,828 7 6 | 63,016 6 7 | 6,42,844 14 1 | 52,634 0 5 |
| Tansa Water Works Loan as per statement marked D ... ... ... ... ... | 1,47,00,000 0 0 | 1,47,00,000 0 0 | 1,47,00,000 0 0 | 1,25,37,368 8 5 | 21,62,631 7 7 | 1,47,00,000 0 0 | ..... |
| 12 Lakhs Loan for Queen's Road Sewerage and Frere Road Main as per statement marked E | 12,00,000 0 0 | 12,00,000 0 0 | 12,00,000 0 0 | 7,42,183 12 11 | 4,52,776 8 1 | 11,94,960 5 0 | 5,039 11 0 |
| Loan of 10,08,500 for Drainage Water Works, and Roads as per statement marked F ... | 10,08,875 0 0 | 10,08,875 0 0 | 10,08,500 0 0 | 5,19,136 4 11 | 4,70,952 14 3 | 9,90,089 3 2 | 18,410 12 10 |
| Loan of 2,48,000 for Agripada House Sullage Water Connections as per statement marked G ... ... ... ... ... ... ... | 2,48,842 0 0 | 2,48,000 0 0 | 2,48,000 0 0 | 27,183 15 0 | 2,20,816 1 0 | 2,48,000 0 0 | ..... |
| Loan of 35 lakhs for Water Works, Drainage, Markets, Roads, and other works as per statement H ... ... ... ... ... ... | 34,85,360 9 1 | 35,00,000 0 0 | 35,00,000 0 0 | 12,10,298 4 1 | 22,73,975 13 8 | 34,84,274 1 9 | 15,725 14 3 |
| Municipal Building Fund as per statement I... | 8,00,000 0 0 | 8,00,000 0 0 | 8,00,000 0 0 | ..... | 5,00,343 13 2 | 5,00,343 13 2 | 2,99,656 2 10 |
| | 2,92,43,077 9 1 | 2,92,56,875 0 0 | 2,92,50,500 0 0 | 2,20,28,776 15 5 | 65,87,495 10 5 | 2,86,16,272 9 10 | 6,34,227 6 2 |
| Advanced for works for which final decision of the Corporation is to be received as to their being met by raising a new Loan or otherwise as per statement J... ... ... ... | ..... | ..... | ..... | 2,63,418 0 1 | 12,221 6 0 | 2,75,639 6 1 | 2,75,639 6 1 |
| Total... ...Rs. | 2,92,43,077 9 1 | 2,92,56,875 0 0 | 2,92,50,500 0 0 | 2,22,92,194 15 6 | 65,99,717 0 5 | 2,88,91,911 15 11 | 3,58,588 0 1 |

Memorandum No. 11450, dated 13th idem, as under :—

Forwarded to the Standing Committee for information.—H. A. ACWORTH, Commissioner.

No. 5465. *Resolved* : "That the consideration of memorandum No. 11450, dated 13th instant, from the Commissioner and accompaniments, be postponed till next meeting, and that, in the meanwhile, the papers be printed on the minutes of this day's meeting and circulated to members."

No. 5466. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 11751, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Considered letter No. 11729, dated 17th instant, to the Secretary, as under :—

SIR,—With reference to the Corporation's Resolution No. 11551, of 9th February 1891, I have the honor to forward plans and estimates for quarters for the Fire Brigade in this city, including the cost of such land as it will be necessary to acquire or reclaim. I append to this letter a short statement which will show at a glance what the proposals amount to. With regard to the B Ward Babula Tank quarters, two sums of Rs. 46,360 and Rs. 4,278 will eventually be re-imbursed by the Water Works Department and street improvement grants, respectively, and it is proposed, as already reported to the Corporation, to take this opportunity to add a portion of the reclaimed tank to the road, and to erect quarters for the Chief Inspector of Water Works. In C Ward, Bhuleshwar, the ground proposed to be occupied by a manual station there is acquired from Mr. Nusserwanji Petit at the corner of Parel Road and paid for out of the Bhuleshwar Market Loan. The sum of Rs. 40,814 will, therefore, have to be re-paid to that loan out of Fire Brigade Loan. The amount is very large, but the land has already been acquired and is in our possession and cannot be put to a better use than that which is proposed. It will be observed that, as already stated to the Corporation, I propose that Sankli Tank should be filled in and the head-quarters of the Brigade placed there. It will be necessary to acquire 1,822·5 square yards of ground from Mr. Nowroji Cabinet Maker, for which I have made a provision at the rate of Rs. 15 a square yard, *plus* 15 per cent. for compulsory acquisition; that portion of Sankli Tank which will not be occupied with buildings is proposed to be utilized as a drill ground, and gravelled for the purpose, at a cost of Rs. 942. The total cost of the whole scheme for quarters amounts to Rs. 5,00,808, or deducting recoveries to be subsequently adjusted, a net sum of Rs. 4,50,170 or in round figures 4½ lakhs. This sum, I suggest, should be raised by loan at 4½ per cent. for 30 years and it will entail at this rate an annual provision on account of interest and sinking fund of Rs. 27,700. The Corporation sanctioned in passing the budget a loan at 5½ lakhs for this purpose, the whole of which will not now be needed. I trust that the Corporation will see fit to allow

me to apply to Government without delay for sanction to raising this loan, in order that the important work of erecting the Fire Stations may be put in hand, but it will be advisable, as our loan balances in hand are considerable, to defer placing the loan upon the market for another year, and I request, therefore, that the Corporation will accord its approval to expenditure being met from general balances as soon as Government sanction is accorded to the loan.—I have, &c., H. A. ACWORTH, Commissioner.

*Statement of Cost of Buildings of the different Fire Brigade Stations.*

| Consecutive No. | Drawing No. | Description. | Amount of Estimate. | Total. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | A WARD. | | | |
| | | FORT. | | | |
| 1 to 4 | 284 to 287 | Engine-house below Engineer's and Foreman's quarters with stable for two horses ... ... ... ... | 26,889 | | |
| | Do. | Lascars' quarters ... ... ... | 9,312 | | |
| | | | | 36,201 | |
| | | COLABA. | | | |
| 5, 6 | 305,2946 | Twelve lascars' quarters below Foreman's quarters ... ... ... | 16,994 | | |
| 7 | 295 | | | | |
| 8 | 304 | Engine-house below Engineer's quarters | 6,102 | | |
| | 303 | Cook-house and servants' quarters, 2 compartments ... ... ... ... | 1,966 | | |
| | Standard design. | Two-seated privies (basket system)... | 343 | | |
| | 259 | Coal Shed ... ... ... ... ... | 435 | | |
| | | Removing and reconstructing Police Station ... ... ... ... ... | 628 | | |
| | | | | 26,468 | |
| | | B WARD.—BABULA TANK. | | | |
| | 177 | Foreman's and Engineer's quarters ... | 19,306 | | |
| | 303 | Cook-house and servants' quarters, 4 compartments ... ... ... ... | 3,932 | | |
| | 174 | Lascars' quarters, 12 rooms ... ... | 9,128 | | |
| | 259 | Coal Shed .. ... ... ... ... | 435 | | |
| 9 | 302 | Engine-house ... ... ... ... | 2,380 | | |
| | 300 | Stable for two horses ... ... ... | 1,045 | | |
| | Standard design. | Two-seated basket system privies ... | 343 | | |
| | | Filling in of land ... ... ... | 21,716 | | |
| | | | | 58,285 | Water Works. |
| 10, 11 | 291 & 292 | Quarters, Chief Inspector, Water Works | 20,315 | | (a) Out of this sum, Rs. 4,278 should be charged to Street Improvement Grant. |
| | 303 | Cook-house and servants' quarters, 4 compartments ... ... ... ... | 3,932 | | |
| | 174 | Quarters for six sluicemen ... ... | 5,022 | | |
| | Standard design. | Two-seated basket system privies ... | 343 | | |
| 12 | 298 | Filling in Babula Tank ... ... ... | (a)21,026 | | |
| | | | | 50,638 | |
| | | Carried forward ... ... | ... | 1,71,592 | |

31

| Consecutive No. | Drawing No. | Description. | Amount of Estimate. | Total. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought over ... | ..... | 1,71,592 | |
| | | C WARD.—BHULESHWAR. | | | |
| 13 | ... | Ground at the junction of Kalbadevi and Bhuleshwar ... ... ... | 40,814 | | |
| | | Manual Engine Station ... ... ... | 12,001 | | |
| | | | | 52,815 | |
| | | D WARD.—GAMDEVI. | | | |
| 14, 15 | 306 & 290 | Additional four lascars' quarters with Engineer's quarters ... ... ... | 6,165 | | |
| | 259 | Coal Shed ... ... ... ... ... | 435 | | |
| | 174 | Quarters for two servants ... ... | 1,673 | | |
| | | | | 8,273 | |
| | | F WARD.—CHINCHPOKLI. | | | |
| 16, 17 | 132 & 298 | Engineer's quarters over the engine house ... ... ... ... ... | 6,774 | | |
| | 259 | Coal Shed... ... ... ... ... | 435 | | |
| | | | | 7,209 | |
| | | SANKLI TANK. | | | |
| 18, 19, 20 | 263, 299 & 308 | Quarters with an office for the Chief of Fire Brigade ... ... ... | 27,408 | | |
| 21 | 303 | Cook-house and servants' quarters ... | 4,915 | | |
| 22 & 22 A | 312 & 313 | Quarters with an office for the Chief Engineer ... ... ... ... | 20,653 | | |
| | 303 | Cook-house and servant's quarters ... | 4,915 | | |
| 23 & 24 | 307, 477 | Foreman's and Engineer's quarters ... | 19,306 | | |
| | 303 | Cook-house and servants' quarters ... | 4,915 | | |
| 25 | 288 | Engine-house for two steamers ... | 4,979 | | |
| 26 | 300 | Stables for six horses ... ... ... | 2,849 | | |
| 27 | 309 | Manual engine-house ... ... ... | 1,614 | | |
| 28 | 289 | Brake-house ... ... ... ... | 1,614 | | |
| 29 | 174 | Fourteen lascars' quarters ... ... | 10,654 | | |
| | Standard design. | Six-seated latrine (water carriage system) ... ... ... ... | 2,706 | | |
| 30 | 259 | Coal Shed ... ... ... ... ... | 435 | | |
| | 263 | Filling in Sankli Tank ... ... ... | 67,197 | | |
| | | Cost of gravelling ... ... ... | 942 | | |
| | | Cost of 1822·5 sq. yards of land to be acquired from Mr. Navroji Cabinet Maker at Rs. 15 per sq. yard, *plus* Rs. 15 per cent. for compulsory acquisition ... ... ... ... | 33,104 | | |
| | | | | 2,08,206 | |
| | | MAZAGON PEDDER MARKET. | | | |
| 31 & 31 A | 26[illegible] & 318 | Manual Engine Station ... ... ... | 6,221 | | |
| | | Removing and rebuilding four latrines (water carriage system) ... ... | 1,500 | | |
| | | | | 7,721 | |
| | | Carried forward ... ... | ... | 4,55,816 | |

| Consecutive No. | Drawing No. | Description. | Amount of Estimate. | Total. | Remarks. |
|---|---|---|---|---|---|
| | | | Rs. | Rs. | |
| | | Brought over ... | ..... | 4,55,816 | |
| | | F WARD.—DADAR. NORTH-WEST CORNER OF NAIGAM TANK. | | | |
| | 174 & 309 | Manual engine-house and lascars' quarters... ... ... ... ... | 7,865 | | |
| | | Two-seated latrine (basket system) ... | 343 | | |
| 32 | 315 | Filling in portion of Naigam Tank ... | 2,194 | | |
| | | | | 10,402 | |
| | | G WARD.—MAHIM GARDEN. | | | |
| 32 A plan | 274&266 | Manual Engine Station ... ... ... | 6,221 | | |
| | | Two-seated latrines (basket system) ... | 343 | | |
| | | | | 6,564 | |
| | | DELISLE ROAD. | | | |
| 33 | 1439 A, 266. | Manual Engine Station ... ... ... | 6,221 | | |
| | | Cost of 6" pipe line to DeLisle Road... | 1,189 | | |
| | | Two-seated latrine (water system) ... | 700 | | |
| | | Cost of land (4,524 square yards) ... | 7,247 | | |
| | | Cost of filling in ... ... ... ... | 6,503 | | |
| 34 | 314 | Cost of making a road along Tulsi pipe line, from the Fire Brigade Station to DeLisle Road ... ... | 6,166 | | |
| | | | | 28,026 | |
| | | Grand Total ... ... | ..... | 5,00,305 | |
| | | *Deduct*—The amount to be repaid by Water Works and Roads Departments ... ... ... | ..... | 50,638 | |
| | | Total Rs.... ... | ..... | 4,50,170 | |

*Resolved*: "That the consideration of letter No. 11729, dated 17th instant, from the Commissioner, regarding the provision of Fire Brigade stations and quarters be postponed until next week, and that in the meanwhile the papers be printed on the minutes of this day's meeting."

No. 5467.

The following return was read and *recorded* :—

Return of fires at Bhandarwada (Mahim) and Sirdar's Mansions (Apollo Bandar), forwarded with the Commissioner's memorandum No. 11358, dated 12th August 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, and Tansa Lakes and the Pawai Reservoir for the week ending 16th August 1891.

* *See* Appendix E. † *See* Appendix C.

A letter, dated 14th instant, from Mr. Dayal Bhimji, making a complaint relative to the assessment of his property in 3rd Pinjrapol Lane, was read and the Secretary was directed to inform the applicant that neither this Committee nor the Corporation is empowered to deal with the assessment of property within the City, but that full right is reserved to rate-payers under Section 217 of the Municipal Act, to appeal to the Chief Judge of the Court of Small Causes against any assessment made by the Commissioner.

No. 5469.

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BOMBAY, 26*th August* 1891.

AT the meeting of the Standing Committee, held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 18th instant, were signed.

Considered Government Resolution No. 2961, General Department, dated 20th August 1891 as under :—

His Excellency the Governor in Council is pleased to appoint Surgeon-Major T. S. Weir to act as Municipal Commissioner for the City of Bombay during the absence of Mr. H. A. Acworth, C. S., on privilege leave, on a salary of Rs. 2,500 per mensem.—W. L. HARVEY, Acting Under Secretary to Government.

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No. 11999, 21*st August* 1891.

Forwarded to the Standing Committee for information. Sanction to meet the cost of acting arrangements will be applied for hereafter.—H. A. ACWORTH, Commissioner.

*Resolved* : "That the following be forwarded to the Corporation for information :—Memorandum No. 11999, dated 21st instant, from the Commissioner, forwarding Government Resolution No. 2961, General Department, dated 20th idem."

No. 5734.

Considered letter No. 12192 of 24th instant, to the Secretary, as under :—

SIR,—I have the honour to forward Government Resolution No. 2961 of 20th instant, appointing Surgeon-Major T. S. Weir to act for me while absent on leave for two months and one day from 19th proximo. I have the honour to request that Dr. Weir may be allowed to be absent from his appointment as Health Officer on leave without pay for that period ; and that an officer may be nominated to act for him. Section 85 of the Act provides for acting appointments only when an officer is absent on leave, and Dr. Weir must, therefore, as appears to me and as I am advised by the Solicitors, be formally allowed leave from his appointment as Health Officer, before any one can be appointed to act for him. The consequence of this will be that Dr. Weir will lose the privilege leave that has accrued to him, and for this there is no remedy except by a special resolution of the Corporation, but there is no resource that I can see but to grant him leave of absence from his appointments as otherwise all the acts of his *locum tenens* will be invalid. There is an obvious defect in Section 85 of the Act which ought to be remedied.—I have, &c., H. A. ACWORTH, Commissioner.

No. 5735. *Resolved* : "That in order to allow of Surgeon-Major T. S. Weir's acting as Municipal Commissioner, as per Government Resolution No. 2961, General Department, dated 20th instant, the Standing Committee, under Section 84 (2) (*b*) of the Municipal Act, grant him leave of absence from his appointment as Health Officer, without pay, for a period of 2 months and 1 day from the 19th proximo.

"2. That letter No. 12192, dated 24th instant, from the Commissioner, be forwarded to the Corporation with a view to the appointment of an Acting Health Officer as per Section 85 (2) (*a*) of the Act, during the abovementioned period."

No. 5736. The seal of the Corporation was affixed to deed of agreement (in duplicate) between Godavribai, widow of Mr. Munmohundass Purmanandass, and the Corporation, securing the right to the Municipality to acquire on or before the 1st June 1892, the set-back of

property situated at No. 57, junction of Bhuleshwar Road and 3rd Bhoiwada Street, measuring 28·81 yards or thereabouts, at the rate of Rs. 112 per square yard, and without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed.

The seal was also affixed to—(1) 24 attested duplicate debentures of the Municipal loan of 1878 ; Nos. 1961 to 1984, both inclusive, of Rs. 500 each ; (2) to 4 do. do. Nos. 4254, 1385, 1685 and 1686 of Rs. 500 each ; (3) to 1 consolidated debenture of the Municipal Sanitary Works Loan of 1885, No. 2376-77 NN. of Rs. 1,000, and (4) to 1 do. do., No. 2378-81 NN. of Rs. 2,000."

No. 5737. *Resolved* : "That the following be *recorded* :—Memorandum No. 11722, dated 17th instant, from the Commissioner, reporting, with reference to the Standing Committee's Resolution No. 4484, dated 3rd October 1888, the transfer of Rs. 2,00,000—(1) of Rs. 50,000, from the Surplus Cash Deposit Account, to the Municipal General Fund pass book, on the 10th instant, and (2) of Rs. 1,50,000, from ditto to ditto, on 13th idem."

No. 5738. *Resolved* : " That, as applied for by the Commissioner, in his memoranda Nos. 11974, 11975, 11976, 11977 and 11978, dated 21st instant, and No. 12064, dated 22nd idem, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures, built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Aba Umer ... ... | ...Building at Dadar Road. |
| „ Elias Mussa ... | ... Do. do. |
| „ Esmal ... ... | ... Do. do. |
| „ Amruta Suddoo ... | ... Do. at Currey Road. |
| „ Byramjee Cowasjee ... | ... Do. at Supari Bag Road. |
| „ Abdulla Kurrim ... | ... Do. at No.10, Old Nagpada. |

No. 5739. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 11981, dated 21st instant, sanction be given to the payment of Rs. 33-13-11, to ex-Inspector Silva, being the amount of his salary for 7 days, from 9th to 15th July last, as he was

certified as incapacitated for further service by the Municipal medical examiner on the 9th July, but worked up to the 15th of that month. The amount to be met out of savings in Inspectors' Establishment, Executive Engineer's Budget."

At the request of the Commissioner, the Committee allowed him to *withdraw* the following in order that further inquiries may be made in the matter :—

No. 5740. Letter No. 11937, dated 20th instant, from the Commissioner, requesting sanction, under Section 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes, for the recovery of Rs. 582-13-2, from Mr. Nowroji Byramji Suntook, as surety for Manekji Adarji, late Ward Clerk in E Ward.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 5741. " That, as applied for by the Commissioner, in his letter No. 11889, dated 20th instant, and in acccordance with the pension rules, sanction be given to the payment of a compassionate allowance not exceeding Rs. 331, to Messrs. Govind Moroba and Gopal Moroba, sons of the late Sub-Inspector Moroba Shivram, of the Health Department, who died on the 22nd December 1890, after a service of sixteen years, six months and two days. The amount to be met out of the grant for pensions and gratuities for the current year."

*Carried* (by 11 votes *against* 1).

No. 5742. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 12173, dated 24th instant, and subject to the sanction of the Corporation, under Section 133 of the Municipal Act, sanction be given to the transfer of Rs. 5,000, from savings in B, public lighting branch, 3, kerosine oil lighting, A, streets, Executive Engineerr's Budget, to B, contingencies, same head, same budget, to meet the cost of renewing certain kerosine oil lanterns and posts."

No. 5743. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 12083, dated 22nd instant, sanction be given to the transfer of Rs. 300, from savings in Conservancy Branch, section I, Superin-

tendence and Inspection, to accounts and expenditure, Audit establishment, section II, printing, to meet excess on the latter grant."

No. 5744. *Resolved* : "That the following be *recorded* :—Letter No. 12108, dated 22nd instant, from the Commissioner, reporting that he has sold the right of cutting grass and tapping date-trees, &c., as per following statement :—*Particulars of right.*—From 1st August 1891 to 31st July 1892—(1) to tap 31 cocoanut trees in the compound of D Ward office, Gamdevi Road, and gathering the fruit therefrom—Rs. 40 : from 1st August 1891 to 30th April 1892—(2) to cut grass from the Municipal ground about Bellasis Bridge, area 3,821 square yards ; (3) to cut grass from the Municipal ground about Arthur Road, area 2,938 square yards; (4) to cut grass from the Agripada open drain from the Agripada milch cattle stables, Haines Road, to Arthur Road, area 2,994 square yasds ; (5) to cut grass from the Municipal land between Wari Bandar Road and the G. I. P. Railway Co.'s compound at Hancock Bridge, area 1,095 square yards—Rs. 130."

No. 5745. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 12093, dated 22nd instant, sanction be given, under Section 305 of the Municipal Act, to written notices being issued requiring the several owners of premises fronting or adjoining or abutting the private lane known as Moogbhat Cross Lane, to level, metal and light the same as the Commissioner shall direct."

No. 5746. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 12409, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 5747. *Resolved* : "That the following be printed on the minutes of this day's meeting and *recorded* :—Memorandum No. 11883, dated 20th instant, from the Commissioner, forwarding a statement of houses or portion of houses which fell during the month of July 1891."

STATEMENT of *Houses or Portions of Houses which fell during the Month of July 1891.*

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss | Whether or not action taken by the Municipality. | Whether or not warning given to the parties. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1891. | | | | | Rs. | | | |
| 1 | A. | 40-2 | Apollo Street... | Bai Pirozbai, widow of Sir Jamsetjee Jejeebhoy. | Shed ... | ..... | 28th July.. | Owing to the effect of the weather. | Whole ... | *Nil.* | *Nil.* | 300 | *Nil.* | *Nil.* | |
| 2 | B. | 27 | Argyll Road ... | Heerjee Mowjee ... | Godown .. | ..... | 24th „ | Heavy rain ... | Portion of roof. | „ | „ | 20 | „ | „ | |
| 3 | „ | 60-62 | Naron Dhuru Street. | Bhimjee Ramjee ... | House ... | ..... | 26th „ | Do. ... | South-west portion of ground floor wall. | „ | „ | 50 | „ | „ | |
| 4 | „ | ... | Chinch Bunder Road. | Nurmahomed Amin | Timber Shed | ..... | 26th „ | Do. ... | Whole shed. | „ | „ | 50 | „ | „ | |
| 5 | „ | ... | Nishanpada Rd. | Bibi Kodinbi, widow of Sulleman. | Tiled Shed .. | ..... | 26th „ | Do. ... | Roof ... | „ | „ | 10 | „ | „ | |
| 6 | C. | 249-251 | Duncan Road .. | Goolam Hussen Navibhai. | Shed ... | ..... | 1st „ | Rafters decayed. | A portion of roof at rear. | „ | „ | 100 | „ | „ | |
| 7 | C. | 258 | Girgam Road... | Ramchandra Damoder. | House ... | ..... | 2nd „ | Decayed condition of the roof rafters. | Portion of roof. | „ | „ | 75 | „ | „ | |
| 8 | „ | 53-55 | Lohar Street... | Vasonjee Khimjee. | Chawl ... | ..... | 4th „ | Subsidence in foundation. | West side wall. | ... | „ | 500 | „ | „ | |

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss. | Whether or not action taken by the Municipality. | Whether or not warning given to the parties. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1891. | | | | | Rs. | | | |
| 9 | C. | 40 | Cavel Street... | Makoo, widow of LallubhaiBhaijee | Chawl ... | ..... | 10th July.. | Decayed condition of roof rafters. | Portion of roof. | *Nil.* | *Nil.* | 100 | *Nil.* | *Nil.* | |
| 10 | „ | 442-444 | Parel Road ... | Kassinath Vittoba | Do. ... | ..... | 12th „ | Do. | Portion of eaves. | „ | „ | 30 | „ | „ | |
| 11 | „ | 77 | Charni Wadi .. | Anant Wishwanath | Do. ... | ..... | 25th „ | Decayed condition of the posts in the wall. | East wall ... | „ | „ | 175 | „ | „ | |
| 12 | G. | A 950 | ElphinstoneRd. | Kallianjee Morarjee Vishram. | Do. ... | June 1889. | 20th „ | Veranda posts slight, not braced, not bedded properly. | A portion of veranda with its roof. | 2 | „ | 75 | „ | „ | |
| 13 | „ | 606 | Lady Jamsetjee Road. | Mahadu Baloo Patel. | Tiled shed... | 16 years ... | 26th „ | Roof not trussed, veranda posts not properly bedded, and walls being of tats. | West wall with its veranda and whole roof. | 1 | „ | 150 | „ | „ | |
| 14 | „ | „ | Haines Road... | Peru MahomedMill | S. & W. Mill. | 1 year ... | 25th | Beds of the bricks of masonry pillar not properly mortarred, and the post loosely bolted not able to stand with the strongest of wind. | Corrugated sheet roof with a masonry pillar over blow room. | 1 | „ | 200 | „ | „ | |

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss. | Whether or not action taken by the Municipality. | Whether or not warning given to the parties. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 1891. | | | | | Rs. | | | |
| 15 | G | 576 | Lady Jamsetjee Road. | Harivalab Bavgovind. | House ... | 15 years .. | 26th July. | Walls of mud and of insufficient thickness. | A portion of veranda with its wall and roof at the ground floor of the house. | *Nil.* | *Nil.* | 80 | *Nil.* | *Nil.* | |
| 16 | „ | 802 | Do. ... | Haji Wadina Kassum. | Do. ... | Do. ... | 27th „ | Walls of mud and loose rubble, and woodwork rotten. | South wall and S.-W. corner of ground floor storied house. | „ | „ | 20 | „ | „ | |
| 17 | „ | 177 | Dharavi Road. | Framjee Sorabjee.. | Tiled shed... | Do. ... | 27th „ | Mud wall, no proper foundation, no framing. | Portion of west wall and south-east corner. | „ | „ | 10 | „ | „ | |
| 18 | „ | 556 | Mori Road..... | Mania Pascol ..... | House ... | 20 years ... | 28th „ | A palmyra tree falling through strong gust of wind on the roof. | Tiled roof of the shed. | „ | „ | 10 | „ | „ | |
| 19 | „ | „ | Durga Street, Mahim. | Jahangir Hormasji Mody. | Do. ... | 10 „ ... | 28th „ | Loose rubble and mud wall, woodwork rotten. | Most of the west wall of ground floor. Storied house. | „ | „ | 20 | „ | „ | |

No. T. B. 6283.

Forwarded to the Municipal Commissioner.

RIENZI WALTON,
Executive Engineer.

BOMBAY, 17*th August* 1891.

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Read letter No. 12063, dated 24th instant, to the Secretary, as under :—

SIR,—With reference to Corporation's Resolution No. 8651 of 24th November, and Standing Committee's Resolution No. 8848, dated 3rd December 1890, I have the honour to submit plans and estimate of the Bhuleshwar Market, rebuilt with upper stories accommodating a school for 700 children, boys and girls being separately provided for.

2. The original grant for the extension of the Bhuleshwar Market was Rs. 4,50,000. The amount which now remains available for building, after adjusting in favour of the loan, the values of land taken for street improvement, &c., is Rs. 2,17,070.

3. An estimate of the amount of Rs. 26,287 for extending the market over the ground now acquired and on the plan and design of the present market was prepared in 1888. This would have given 105 stalls in addition to the 123 already existing, or a total of 228.

4. The present estimate provides at a cost of Rs. 1,73,040 for the rebuilding of the whole market with the schools above. The school accommodation required could not have been provided merely over the market extension, and such a project would have involved having practically two markets differing in plan and structure, side by side which is undesirable. In the plans now submitted a total of 200 stalls has been provided. This is less than the total provided under the earlier and cheaper plan, but as many as ought to be accommodated in the space available. The existing market is undoubtedly faulty, both structurally and in respect of its internal arrangements, and it is questionable whether it is advisable to enlarge it on the same lines. This, however, is for the Corporation to decide.

5. Supposing the plan costing Rs. 1,73,040 to be adopted Rs. 91,200 of this amount should be debited to market extension and Rs. 81,840 to the schools. Government will doubtless pay a grant-in-aid of half the latter sum, or Rs. 40,420, and the remaining moiety will, if the land is granted free to them, be all that the Joint Schools Committee will have to provide for, and this they can do if they prefer, and if the Corporation approve, by paying a rent at 5 per cent. of Rs. 2,021 per annum or Rs. 169 per mensem. It is of course hardly consistent with financial principle that the land should be left out of consideration, but the circumstances being what they are, it seems reasonable to do so. I await the orders of the Corporation as to the scheme which they wish to adopt.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That letter No. 12063, dated 22nd instant, from the Commissioner to the Secretary, be forwarded to the Corporation with reference to their resolution No. 8651, dated 24th November 1890, accompanied by the expression of this Committee's opinion that school accommodation for 700 pupils should be provided for over the new markets at Bhuleshwar at a cost of Rs. 81,840, on condition that in accordance with the usual rule of grants-in-aid, Government pay half the cost thereof. No. 5748.

"That the Corporation be also recommended to sanction the whole scheme of rebuilding the markets at a cost of Rs. 1,73,040 and with provision for 200 stalls.

"That of the total outlay, Rs. 91,200 be debited to market extension and Rs. 81,840, to the Joint Schools Committee."

The consideration of the following was postponed till the next meeting :—Memorandum No. 11450, dated 13th instant, from the Commissioner, forwarding 10 statements, marked A to J, showing the estimated cost of each loan work and expenditure on different loan works, &c., up to 31st March 1891.*

Considered again letter No. 11729, dated 17th instant, from the Commissioner, to the Secretary, and the plans and estimates forwarded therewith.

Proposed by Mulji B. Barbhaya, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the following be forwarded to the Corporation, with reference to its resolution No. 11551, dated 9th February last, as per margin :— No. 5750.

"That the estimate of Loan Works Budget for the year 1891-92 as per detailed statement No. 15, including the opening cash balance loan account, be adopted at Rs. 59,33,972, leaving a credit balance at the end of the year of Rs. 11,71,027; provided that, with regard to the item of Rs. 5,50,000 for the Fire Brigade building, the full amount of these loans be not raised until the Municipal Commissioner's estimates of the scheme are placed before the Corporation."

Letter No. 11729, dated 17th instant, from the Commissioner, forwarding plans and estimates for the provision of Fire Brigade quarters in the Fort, at Colaba, Babula Tank, Bhuleshwar, Gamdevi, Chinchpokli, Sankli Tank (head-quarters), Mazagon, Dadar, Mahim, DeLisle Road.

"That, as applied for by the Commissioner, the Corporation be recommended to sanction the raising of a loan of

* *See* Proceedings of the Standing Committee, dated 18th instant.

4½ lakhs at 4½ per cent. to defray the cost of these works (instead of a loan of Rs. 5½ lakhs at 5 per cent. as originally sanctioned by the Corporation on the 9th February 1891).

"That the Corporation be further recommended to authorise the Commissioner, to apply to Government for sanction to the raising of a loan of 4½ lakhs, but that such loan be not placed on the market before next financial year.

"That the Corporation authorise the Commissioner to proceed with the building of the new quarters and stations as soon as the raising of the loan is sanctioned, the requisite payments being made by advances from available balances pending adjustment against loan funds."*

*Carried.*

No. 5751. *Resolved*: "That Mr. Stevens's award on the rateable value of buildings and lands in the city of Bombay, vesting in Her Majesty and beneficially occupied, be *recorded*."

No. 5752. *Resolved*: "That Mr. Govardhandas Khimji be informed in reply to his letter, dated 22nd instant, regarding removal of a shed at Girgam Back Road, that the same has been forwarded to the Commissioner for disposal, the matter being one which is entirely within his province."

The following return was read and *recorded* :—

Return of fires at Suparibag Road (Parel), Dadur, Tardeo Road and No. 19, Edulji Street (Lower Colaba), forwarded with the Commissioner's memorandum No. 11949, dated 20th August 1891.†

The following statement‡ was laid on the table:—

Statement of the height of water in the Vehar, Tulsi, and Tansa Lakes and the Pawai Reservoir for the week ending 23rd August 1891.

No. 5754. *Resolved*: "That, as applied for by the Commissioner, in his No. 12377, dated this day, sanction be given to the transfer of Rs. 130, from savings in section V, Cemeteries, 3, Contingencies, Public Health Department budget, to Conservancy Branch, 4, repairs, miscellaneous, to meet the cost of repairing the infectious disease van, for which no provision was made in the budget."

* *See* Proceedings of the Standing Committee, dated 20th instant.
† *See* Appendix **E**. ‡ *See* Appendix **C**.

Read letter No. 12411, dated this day, to the Secretary, as under :—

SIR,—I have the honour to request the Standing Committee to recommend the Corporation to sanction the payment of Rs. 11,000 from surplus cash balance to meet excess in the budget grant of Rs. 47,200 for commission payable to Port Trust and the two Railway Companies for the collection of Town Duty.

The excess is anticipated in consequence of the gross Town Duty collections now furnished by those bodies being likely to amount to Rs. 18,89,000, against Rs. 15,27,000 estimated at the budget time on the actuals of the preceding three years, the increase in the gross collections is due principally to heavy imports of wheat through the two Railway Companies.—I have, &c., H. A. ACWORTH, Commissioner.

No. 5755. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 12411, dated this day, the Corporation be recommended to sanction the payment from surplus cash balance of Rs. 11,000 to meet the excess in the budget grant of Rs. 47,200 for commission payable to the Port Trust and the two Railway Companies for the collection of Town Duties."

No. 5756. *Resolved* : " That the consideration of letter No. 12330, from the Commissioner, to the Secretary, dated 25th instant (see file of confidential papers, No. 280, kept by the Secretary) on the subject of burying grounds, be postponed, as suggested by the Commissioner."

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BOMBAY, *2nd September* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.

ABDULLA M. DHARAMSI, Esq., B.A., LL.B. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; A. G. VIEGAS, Esq., L. M. & S. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; the CHIEF ACCOUNTANT ; and the SECRETARY.

The minutes of the meeting held on the 26th ultimo, were signed.

No. 6090. *Resolved* : " That the following be *recorded* :—Memorandum No. 12273, dated 25th ultimo, from the Commissioner, reporting, with reference to the Standing Committee's resolution No. 4484, dated 3rd

October 1888, the transfer of Rs. 1,50,000—(1) of Rs. 50,000 from the surplus cash deposit account, to the Municipal General Fund pass book, on the 20th ultimo, and (2) of Rs. 1,00,000 from ditto to ditto on 22nd idem."

No. 6091. *Resolved*: "That, as applied for by the Commissioner, in his memoranda Nos. 12525, 12526, and 12527, dated 27th ultimo, No. 12558, dated 28th idem, and Nos. 12891, 12892, 12893, 12894, and 12895, dated 1st instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | Where. |
|---|---|
| Mr. Omajee Vanjari ... | ...Building at 2nd Kamathipura Street. |
| „ Goverdhandass Khimji ... | Do. at Bapty Road. |
| Messrs. Tricumdass Muljee, Muljee Lakmidas and Khimjee Valabdass, executors of Mr. Kanjee Khetsey | Do. at Kandawady. |
| Mr. Jagannath Baglal ... ... | Do. at Parel Road near Byculla Station. |
| „ Ballaram Nursoo ... | ...No. 141, Kamathipura 2nd Street. |
| „ Rangindass Goculdass... | ...Building at Elphinstone Road. |
| „ Gopal Laximon ... ... | Do. at Boewada Village. |
| Messrs. Antu Sakurji and Bhagoo Yessoo ... ... ... | ...No. 1368, Parel Back Road. |
| Mr. Damodhur Moroba ... ... | „ 1403, Parel Village. |

No. 6092. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 12980, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 6093. *Resolved*: "That the following be *recorded*:—Memorandum No. 11450, dated 13th ultimo, from the Commissioner, forwarding, with reference to the Town Council's Resolution No. 1444, dated 22nd December 1886, letter No. 1606, dated 10th instant, from the Chief Accountant, enclosing 10 statements, marked A to J, showing the estimated cost of each loan work and expenditure on different loan works, &c., up to 31st March 1891."

* See Proceedings of the Standing Committee, 18th August 1891.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 6094. "That, as applied for by the Commissioner, in his memorandum No. 12375, dated 26th ultimo, and in lieu of the rate of Rs. 2 per square yard fixed by the Town Council, in their resolution No. 1842, dated 7th March 1887, sanction be now given to payment at the rate of Rs. 5 per square yard, for the 511·22 yards of land acquired at Chikulwadi Lane from Sheik Nurudin Jeewakhan for the improvement of that lane."

*Carried.*

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No. 6095. "That, as applied for by the Commissioner, in his memorandum No. 12376, dated 28th ultimo, and in lieu of the rate of Rs. 4 per square yard fixed by the Town Council, in their resolution No. 371, dated 18th April 1888, sanction be now given to payment, at the rate of Rs. 5 per square yard, for the 20·84 yards of land acquired from Mr. A. F. DeSouza and Mr. L. L. DeSouza for the improvement of Gowalia Tank Road."

*Carried.*

No. 6096. *Resolved*: "That the following be *recorded*":—Letter No. 12587, dated 28th ultimo, from the Commissioner, reporting that he has sold the right of cutting grass from Municipal land at Pawai, about 100 acres; and from Vehar to Tulsi section (a strip 50 feet wide and occupied by pipe and footpath) of the Tulsi pipe line for this season, to one Shiv Narayen Shunker for Rs. 325 and Rs. 25, respectively.

In accordance with notice it was—

Proposed by A. G. Viegas, Esq.—

"That it is desirable that heads of departments should be present at the meetings of the Standing Committee when questions of importance connected with their department are discussed."

*Not seconded.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Harkisondas Narrotamdas, Esq.—

No. 6098. "That, as applied for by the Commissioner, in his letter No. 12414, dated 26th ultimo, and in lieu of the rate of Rs. 17-4-0 fixed by the Standing Committee, in their resolution No. 13528, dated 24th March

1891, for the levy of special halalkhor service, under section 172 of the Municipal Act, sanction be now given to the rate being increased from 1st October 1891, to Rs. 18-4-0 per mensem, as the present charge is found to be insufficient to cover the cost of collection, removal and disposal, provided for in clause 3 of the section."

*Carried.*

Considered letter No. 12336, dated 25th ultimo, to the Secretary, as under :—

SIR,—With reference to the Standing Committee's resolution No. 5171, dated 12th instant, I have the honour to report as follows :—

2. For many years previous to 1884 complaints were prevalent, both as to the inadequacy for traffic of the then Byculla Bridge and as to the necessity for a bridge over the Nesbit Lane level crossing. On 16th January 1884, a special meeting was held at the office of the G. I. P. Railway Company at which were present: Mr. G. A. Barnett, Agent, G. I. P. R., Mr. Wilson Bell, Chief Engineer, G. I. P. R., Mr. E. C. K. Ollivant, the Municipal Commissioner, Mr. C. B. Braham, Deputy Executive Engineer, Municipality, and Colonel H. F. Hancock, Consulting Engineer for Railways. Before that meeting a plan, then and since known as plan M, was laid. This plan shewed the bridge 50 feet in width, with approaches of 1 in 40 on the south and 1 in 30 on the north, to take the place of the then Byculla Bridge.

The minutes of the meeting state :—

(*B*) "This is the plan agreed to by the Railway Company and is to cost nothing to the Municipality."

(*C*) "Now the Municipality ask that the width of the bridge may be 60 feet instead of 50 feet, and the grade on Parel Road side be improved to 1 in 35."

The extra cost is then given and the following statement is made as to what the Municipality are prepared to do :—

"The Municipality say that they will go to the entire expense of a new Bridge at Nesbit Road, provided—

"(1). That the Railway Company will complete the Byculla Bridge with width and grades as desired by the Municipality, and without cost to the Municipality, except such as may be involved in land compensation rendered necessary by the extra width of the Bridge and the improved grade on the Parel side, unless Government will undertake all such compensation in consideration of the improvement effected.

"(2). The Railway Company will undertake the construction at the cost of the Municipality of a bridge on Nesbit Road 40 ft. in width with the least avoidable delay."

3 and 4 (not to the present purpose). "The Consulting Engineer for Railways is prepared to recommend to Government to sanction the following arrangement which is practically the same as that put forward by the Municipal Commissioner, and the Agent, as above.

"(1.) The arrangement approved by Government as per para. 3 of Government Resolution No. 1503, dated 13th June 1881, and assented by the Board of Directors of the G. I. P. Railway, in regard to the new overbridge and station to be carried out, except that the whole cost of the bridge, including the extra width of roadway and improvement in the incline of approaches asked for by the Municipality, is to be borne by the Railway Company. Government to contribute not more than Rs. 10,000 towards the cost of the extra land which will have to be acquired, the Municipality undertaking to pay any further amount required to settle the claims for compensation on the part of the owners of property affected by the increase in width of roadway and alterations in gradients above referred to.

"(2.) The Municipality to pay the entire cost of the overbridge to take the place of the existing level crossing at Nesbit Lane, including whatever may have to be paid for land, and compensation to owners of property affected, &c."

3. This arrangement was reported to and accepted by the Corporation in their resolution No. 1117, dated 25th October 1884, and was recommended to the Government of India (by whom it was subsequently sanctioned) in Government Resolution, Public Works Deparment, No. 2229, dated 6th December 1884.

A portion of the latter runs thus :—

Paragraph 5—V.

"Government are to pay compensation for private properties acquired or damaged in carrying out the revised design for the Byculla overbridge, subject to a limit of Rs. 10,000. If compensation claims amount to more, the difference is to be made good by the Municipality."

The sanction of the Government of India to the scheme was communicated to the Municipal Commissioner in Government Resolution No. 133, dated 20th Jaunuary 1885.

4. On 5th February 1885, the Consulting Engineer for Railways wrote to the Collector of Bombay, letter No. 513, from which I extract the following :—

"When I agreed to recommend Government to contribute not more than Rs. 10,000 towards the cost of the extra land which will have to be acquired for the Byculla Bridge as now sanctioned, I was under the impression that no extra land would have to be acquired in order

"to carry out the bridge as designed which a width of "50 ft., but at the same time my intention was to limit the "contributions of Government to Rs. 10,000 in all."

5. A copy of this letter was forwarded to the Commissioner on 7th February and by him forwarded to Mr. Braham on the same date. Mr. Braham returned it with the following memo. :—

"Considering that Rs. 10,000 have been paid by Government "for the land required for the Byculla Bridge as now "decided upon, the excess sum of Rs. 925 should be paid "by the Municipality and should be charged to the Road "Improvement Grant."

It was at this time thought by no one that there would be any serious excess over the sum contributed by Government and no steps were then taken to pursue the question of liability further. In the course, however, of acquiring land a decision was given by Mr. Justice Scott in the case of property belonging to a Parsi lady which imposed upon the acquiring party the obligation of acquiring not only the insignificant strip of land which was actually needed, but the whole property under Section 55 of Act X of 1870. This completely changed the aspect of affairs and made the question of liability, beyond the sum of Rs. 10,000 contributed by Government, a very important one.

6. The preamble to Government Resolution, Public Works Department, No. 1536, dated 11th ultimo, gives sufficient materials for forming an opinion as to the scope and direction which the difference between Government and the Commissioner has assumed.

7. Both Mr. Ollivant and myself have pressed upon Government that under the minutes of the meeting of January 1884, and the Government Resolution of 6th December 1884, which practically embodied them the Government were liable, (*a*) to pay compensation for the whole of the land which it would have been necessary to acquire for the construction of the bridge according to plan M, and (*b*) to pay a further sum of Rs. 10,000 towards the cost of extra land which it was necessary to acquire under the revised design. Government, on the other hand, insisted that their intention was and has throughout been to contribute Rs. 10,000 in all, and that this intention was distinctly communicated in the Consulting Engineer's letter of 5th February 1885.

Government say, however, in para. 2 of Government Resolution No. 1536, dated 11th ultimo, that the statements of their acceptance have been misunderstood. There appears to be no doubt on this point, as there is no doubt upon the further point; that the calculations of all parties as to the probable cost of acquisition were completely upset by the decision of the High Court in the case of Bai Pirozebai.

8. Under the circumstances the compromise suggested in Government Resolution under report, appears to me to be reasonable.

Several of the items set forth in Mr. Ollivant's letter to Government of 30th April 1890 had been at that time debited, and are in my opinion properly debitable, to the Street Improvement Grant, and cannot with justice be asserted as forming any portion of the claim against Government. Government now offer to pay in addition to Rs. 10,000, originally promised, a sum of Rs. 9,654-2-6 and claim from the Municipality a sum of Rs. 7,023-9-9. These amounts require a slight amendment as a further sum of Rs. 650 on account of arbitrator's fees in Bai Pirozebai's case, sums debitable to Government, and a sum of Rs. 17-9-0 seems to have been erroneously reckoned twice over. Deducting these amounts the sum payable by the Municipality will be Rs. 6,356-0-9 and this I think it advisable that the Standing Committee should recommend the Corporation to sanction out of surplus cash balance. The compromise suggested by Government appears to me to be a fair one and to deal reasonably with a long standing dispute.—I have, &c., H. A. ACWORTH.

No. 6099. *Resolved* : " That the consideration of letter No. 12336, dated 25th ultimo, from the Commissioner, regarding the adjustment of charges in connection with the construction of Byculla over-bridge be postponed till next meeting, and that in the meanwhile the papers be printed on the minutes of this day's meeting and circulated to members."

No. 6100. *Resolved* : " That, as recommended by the Commissioner, in his memorandum No. 12714, dated 31st ultimo, sanction be given to the modification of the charge for water rate in respect of Mr. Adamji Pirbhoy's Mahomedan rest-house in Queen's Road so far as to allow of payment on the actual consumption only, for the past three years.

" That if similar cases arise, the Commissioner be authorised to deal with them on the same principle."

No. 6101. *Resolved* : " That the following be forwarded to the Commissioner for favour of remarks and that the applicant be informed accordingly :—

Memorandum from the Municipal Secretary, forwarding petition addressed to the Corporation by firewood dealers in Bombay on the subject of the levy of license fees for the sale and storage of firewood."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, and Tansa Lakes and the Pawai Reservoir for the week ending 30th August 1891.

* *See* Appendix C.

No. 6102. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 12888, dated 1st instant, and under the terms of the Committee's resolution No. 9755, dated 7th July 1891, sanction be given to his entering into an agreement with Messrs. Killick, Nixon & Co., for the supply of 400 tons Powell's Duffryn and 900 tons Hasting's Hartley coal at the following rates :—

| | | | | | |
|---|---|---|---|---|---|
| 400 tons Powell's Duffryn ... | Rs. | 17 | 2 | 0 | per ton delivered at the Workshops. |
| | „ | 17 | 8 | 0 | per ton delivered at Love Grove. |
| 900 tons Hasting's Hartley ... | „ | 15 | 14 | 0 | per ton delivered at the Workshops. |
| | „ | 16 | 4 | 0 | per ton delivered at Love Grove. |

" The cost to be met out of the current year's budget provision."

No. 6103. *Resolved* : " That the following be *recorded* :—Letter No. 12899, dated 1st instant, from the Commissioner, reporting that he has sold by public auction the materials of the old bungalow at Victoria Gardens, to Messrs. Hadji Naboo Ibrahim and Sulimanji Alibhai, for Rs. 1,625."

Considered the following :—

No. 1815 OF 1891-92.

BOMBAY, 29*th August* 1891.

To THE COMMISSIONER.

SIR,—With reference to the Municipal Corporation's resolution, No. 5479, dated 11th September 1890, sanctioning the excess of Rs. 830-9-1 incurred on the construction of the additional catch-water channels at Tulsi, for which work a sum of Rs. 20,000 was provided in the 35 lakhs Various Sanitary Works Loan, being met out of savings in the grant of Rs. 85,000 provided for the Frere Road main in the 12 lakhs Drainage and Water Works Loan, I have the honour to inform you that, to avoid the inconvenience and complications in accounts involved in a transfer of the amount of the excess from the latter loan to the former, the same has been met from the balances of Rs. 15,476 available out of the 35 lakhs Loan, the amount of the works sanctioned by the Corporation out of the said loan aggregating Rs. 34,84,524 against Rs. 35 lakhs already raised by us.

2. May I therefore request the favour of your obtaining the approval of the Standing Committee and the Corporation to the above arrangement.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

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No. 12945 OF 1891-92.

BOMBAY, 2*nd September* 1891.

Forwarded to the Standing Committee and the Corporation for favour of sanction.—H. A. ACWORTH, Commissioner.

*Resolved*: "That the Corporation be recommended to sanction payment of Rs.836-9-1, sanctioned by them in their resolution No. 5479, dated 11th September, as per margin, being made from the available balance of the 35 Lakhs Loan instead of out of the 12 Lakhs Loan."

No. 6104.

"That, as recommended by the Standing Committee in their resolution No. 4508, dated 13th August 1890, sanction be given to the payment of Rs. 836-9-1 out of savings in the grant for the Frere Road main (12 lakhs Drainage and Water Works Loan) to make up the total amount of excess of Rs. 3,736-7-10 on the cost of constructing additional catch water channels at Tulsi which excess was owing to the additional amount of rock excavation that had to be made in the line of the channel."

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 12946, dated 2nd instant, and subject to the sanction of the Corporation under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 1,500, from savings in the grant for Street and Building, D, Road Repairs and Maintenance, 2, Cart-hire and bullock pairs for road repairs and scraping and stores for road repairs, apportionment of bullock pairs, Executive Engineer's budget, to A, Inspection and Supervision, section 2, Printing, same budget, to meet excess on the grant for printing."

No. 6105.

Considered letter No. 12897, dated 1st instant, to the Secretary:—

SIR,—On 17th April 1890, the Corporation passed a resolution, No. 433, in which they sanctioned the recommendation made in Standing Committee resolution No. 7840, of 19th March 1890, that Rs. 49,942 should be spent on the construction of a new market at Foras Road, the amount to be included in the next application to Government for sanction to the raising of loan funds. This amount was accordingly included in the 35 lakhs loan which was raised last year, and I have now before me, plans and estimates from the Executive Engineer, providing for two separate blocks, one to contain 40 stalls for the sale of fruit and vegetables, and one to contain 36 stalls for the sale of mutton and fish. As the market is proposed to be constructed on Municipal ground at Foras Road, there is no charge for land.

2. I beg now to call the attention of the Standing Committee, and Corporation, to the case of a market in another quarter, Colaba. On 7th May 1880, the then Town Council passed a resolution, No. 1680, requesting the Municipal Commissioner to enter in the budget for 1881, an estimate for a small bazaar at Colaba. On 17th August 1887, by their resolution No. 1020, the Town Council informed certain petitioners that the Commissioner was taking steps to build a market at Colaba. On 26th March 1888, the Corporation, by resolution No. 2701, at a Special General meeting, accorded sanction (subject to Government sanction to the raising of the necessary loan) to the expenditure of Rs. 50,300

to provide for the cost of a new market at Colaba of 100 stalls. This amount was duly sanctioned in the loan of Rs. 10,08,500 for miscellaneous works raised in 1888-89.

Ever since the date of the Corporation resolution just quoted, vain efforts have been made to procure a suitable site at Colaba for such a price as will leave a balance adequate for the purpose of construction. On 25th June 1890, I reported to the Standing Committee that a suitable site had been found, but that it did not seem possible to acquire it for less than Rs. 57,000, or a sum of Rs. 6,700 in excess of the whole loan.

Subsequent to this date, I made attempts to obtain a portion of the foreshore for reclamation, but the price and other conditions were prohibitive, and there were other reasons which necessitated the abandonment of this project.

3. I have now come to the conclusion that to erect a market at Colaba for Rs. 50,300, land and building together, is an impossibility, and it is necessary to bring the matter again before the Corporation.

4. The extreme necessity for a market at Colaba will be admitted by all. For more than 12 years the subject has been under agitation, and, as I have shown, the Town Council recognized the necessity so far back as May 1880.

It is for the Standing Committee and Corporation, therefore, to consider whether they are prepared to devote more funds to this object than they originally intended, and if so, where those funds are to come from. My own view is that the loan raised for providing a market at Foras Road should be diverted to Colaba. It is certainly not possible to build both the Colaba and the Foras Road markets out of the funds allotted for the purpose, and it seems to me, therefore, that the question practically resolves itself into a choice between the two. I may say that the Municipal officers most competent to judge entertain great doubts—doubts which I myself share—whether a market at Foras Road is wanted at all, but as the Corporation have already approved of constructing one there, I should not have raised any question about it if the means at my disposal had been adequate, both for that market and for the other at Colaba, which has been equally sanctioned by the Corporation. But the provision not being adequate, I have to ask the Corporation what course they desire to adopt. As between the two localities I think there can be not the slightest doubt as to the superior claims of Colaba, and I recommend, therefore, that the allotment for Foras Road be transferred to that quarter.

I forward a plan and estimate, the latter amounting to Rs. 50,269 for the Colaba Market.

The amount of land required for the latter is 1,800 square yards, and it will not be safe to take the price of this at less than R . 25 a square yard, which will give a total of Rs. 45,000, and a grand total, land and building together, of Rs. 95,269. I recommend that the amount in excess of Rs. 50,300, namely, Rs. 44,969, be transferred from the allotment for the Foras Road Market.

5. If the Corporation under the circumstances approve of this proposal and still desire the Foras Road Market to be proceeded with, I will submit further proposals with that object.—I have, &c., H. A. ACWORTH, Municipal Commissioner.

*Estimate framed by the Executive Engineer, Municipality, of the Probable Cost of Constructing a Market at Colaba.*

| Quantity. | ITEMS. | Rate. | Per | Amount. | Total. |
|---|---|---|---|---|---|
| | | Rs. a. p. | | Rs. | Rs. a. p. |
| 18,122 c. ft. | General excavation in earth, muram, boulders and including filling in for plinth, &c. ... ... ... ... | 1 4 0 | 100 c. ft. | 226·53 | |
| 3,050 „ | Common lime concrete ... ... | 16 0 0 | „ | 488·00 | |
| 13,106 „ | Uncoursed rubble masonry in foundation ... ... ... ... | 16 0 0 | „ | 2,096·96 | |
| 6,291 „ | Uncoursed rubble masonry in plinth and superstructure ... ... ... | 17 8 0 | „ | 1,100·93 | |
| 11,691 „ | Removing surplus excavated materials... ... ... ... ... | 2 0 0 | „ | 233·82 | |
| 10,085 s. ft. | Blue stone pavement medium dressed with concrete bed 6″ thick ... | 45 0 0 | 100 s. ft. | 4,538·25 | |
| 731 r. ft. | Blue stone kerbing 15″ in depth 6″ × 12″ medium dressed on top and face and set in mortar ... | 40 0 0 | 100 r. ft. | 292·40 | |
| 748 „ | Table stones 6″ in depth and 12″ wide medium dressed and set in lime mortar ... .. ... ... | 45 0 0 | „ | 336·60 | |
| 651 s. ft. | Plastering 1″ thick with cement mortar ... ... ... ... | 10 0 0 | 100 s. ft. | 65·10 | |
| 837 c. ft. | Blue cut-stone work medium dressed. | 2 4 0 | C. ft. | 1,885·25 | |
| 436 cwts. | Cast-iron work ... ... ... | 8 0 0 | Cwt. | 3,488·00 | |
| 1,061 „ | Wrought-iron work ... ... ... | 16 0 0 | „ | 16,976·00 | |
| 12,852 s. ft. | Corrugated iron roof 20 B. W. G. ... | 20 0 0 | 100 s. ft. | 2,570·40 | |
| 443 r. ft. | Do. ridges and hips ... | 20 0 0 | 100 r. ft. | 88·60 | |
| 722 „ | Galvanized iron gutter 1″ wide ... | 1 0 0 | R. ft. | 772·00 | |
| 428 „ | Cast-iron pipes 4″ diameter ... | 1 0 0 | „ | 428·00 | |
| 786 c. ft. | Teak timber ... ... ... ... | 2 12 0 | C. ft. | 2,024·00 | |
| 4,620 s. ft. | Teak wood planking 1″ thick fixed complete ... ... ... ... | 27 0 0 | 100 s. ft. | 1,247·40 | |
| 1,940 „ | Perforated zinc plate painted and fixed complete ... ... ... | 0 8 0 | S. ft. | 970·00 | |
| 1,940 „ | Hoop-iron trellis work ... ... | 20 0 0 | 100 s. ft. | 388·00 | |
| 647 r. ft. | Wrought-iron pinacle with 5 blades.. | 0 2 0 | R. ft. | 80·88 | |
| 300 „ | 9″ stoneware pipe (including excavation) laid complete... ... ... | 1 4 0 | „ | 375·00 | |
| 150 „ | 6″ do. do. ... | 1 0 0 | „ | 150·00 | |
| 4 Nos. | 9″ × 6″ stoneware single junctions... | 4 8 0 | Each | 18·00 | |
| 4 „ | 6″ stoneware bends ... ... ... | 1 14 0 | „ | 7·50 | |
| 1 „ | Flushing chamber ... ... ... | 50 0 0 | „ | 50·00 | |
| 70 r. ft. | 3″ water main ... ... ... ... | 0 11 0 | R. ft. | 48·13 | |
| 1 No. | 3″ × 3″ cast-iron double junction pipe ... ... ... ... ... | 12 0 0 | Each | 12·00 | |
| 1 „ | 3″ Cast-iron bends ... ... ... | 12 0 0 | „ | 12·00 | |
| 2 „ | 3″ Sluices ... ... ... | 40 0 0 | „ | 80·00 | |
| 2 „ | 3″ copper stand pipe with brass nozzle | 25 0 0 | „ | 50·00 | |
| 800 r. ft. | 1″ Wrought-iron gas pipe, including excavation, fixing, &c., complete... | 0 10 0 | R. ft. | 500·00 | |
| 36 Nos. | Gas lamps ... ... ... ... | 20 0 0 | Each | 720·00 | |
| 47 cwts. | Cast iron work for stalls ... ... | 8 0 0 | Cwt. | 376·00 | |
| 178 „ | Wrought-iron work ... ... ... | 16 0 0 | „ | 2,848·00 | |
| 74 r. ft. | 1½″ Wrought-iron pipe ... ... | 0 8 0 | R. ft. | 37·00 | |
| 62 c. ft. | Teak timber ... ... ... . | 2 12 0 | C. ft. | 170·50 | |
| | | | | 45,699·25 | |
| | *Add*—contingencies at 10 per cent. | | | 4,569·93 | |
| | | | | | 50,269 0 0 |
| | Total...Rs. | ... | ... | ... | 50,269 0 0 |

RIENZI WALTON,
Executive Engineer, Municipality.

*Resolved*: "That the consideration of the Commissioner's
No. 6106. letter No. 12897, dated 1st instant, on the subject of the construction of Foras Road and Colaba markets be postponed till next week, and that in the meanwhile the papers be printed on the minutes of this day's meeting and circulated to members."

No. 6107. Considered the list of outstanding business (1st September 1891).

*Item No.* 2.—With reference to the proposal to take up 1,666·67 square yards of ground, the property of Mr. Shapurjee Jewajee, for new market at Colaba, the Commissioner asked to report whether the area will be sufficient for the purpose, or whether more land should be acquired, and also what the probable cost of the ground will be—(7th May 1890). Also to report whether another site for a market in Colaba can be obtained at a lower rate than that now estimated in Thomas Street—(2nd July 1890).

*Struck out*, the report having been presented this day.

*Item No.* 4.—Letter No. 7796, dated 3rd July 1891, from the Commissioner, requesting the Committee to recommend the Corporation to sanction the appointment of a Municipal Medical Examiner on a salary of Rs. 150 per mensem, *plus* Rs. 45 as conveyance allowance.

*Struck out*, as the question will be considered with the budget estimates for 1892-93.

*Item No.* 5.—Letter No. 7836, dated 4th July 1891, from the Commissioner, forwarding draft Pension Rules for Municipal officers and servants, together with supplementary rules relating both to Leave and Pension Rules for the Fire Brigade. Referred to the Sub-Committee appointed on the 5th November 1890, for report—(8th July 1891).

*Struck out*, as the report of the Sub-Committee will now be circulated to the Committee.

*Item No.* 8.—Resolution of the Corporation, No. 4970, dated 6th August 1891, as under :—

"That the following be forwarded to the Standing Committee for report :—Government Resolution No. 1536, P. W. D. (Railway), dated 11th July 1891, on the subject of the adjustment of charges in connection with the con-

struction of the Byculla overbridge, the balance of the amount payable by the Corporation being set down at Rs. 7,023-9-9. Referred to the Commissioner for report—(12th August 1891).

*Struck out*, the Commissioner's report having been presented this day.

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BOMBAY, *9th September* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.I.E.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 2nd instant, were signed.

No. 6448. The seal of the Corporation was affixed to deed of contract with Messrs. Dadabhoy Bomanjee & Co., for the work of laying the 24″ water main from Malabar Hill Reservoir to the Frere Fountain.

The seal was also affixed to one attested duplicate debenture of the Municipal Loan of 1878, No. 3429 of Rs. 500.

No. 6449. *Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 13527 and 13539, dated this day, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Shaik Ali Bapu ... ... ... | ...Building at Stable Street, Kamathipura. |
| Mr. Dhunjibhoy Byramji Cooper | ...No. 70—72, Sonapur Street." |

No. 6450. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 13538, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 6451. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 13214, dated 4th instant, the Corporation be recommended to sanction the writing off of Rs. 395-5-0, from the live stock return of the Fire Brigade, being the difference between the book value (Rs. 875) and the sale proceeds (Rs. 479-11-0)

of two horses belonging to the Brigade, of which one was unmanageable in harness and the other was developing fleshy feet which would have resulted in his going lame in a short time."

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 13217, dated 4th instant, sanction be given to an advance of Rs. 8,000, being made to Messrs. Venkoo Balloo & Co., contractors for the new Municipal building, on account of stock of Craven Dunnill's plain paving tiles, supplied by the contractors for use in the building. The amount to be recovered from the contractors' bills as the tiles are laid."

No. 6452.

Read letter No. 13211, dated 4th instant, from the Commissioner, to the Secretary, as under :—

SIR,—I have the honor to request that the Standing Committee will recommend the Corporation to sanction the payment of Rs. 10,925 with interest at 6 per cent. from date of possession for 8 acres of land taken over for the Tansa pipe line from Khan Bahadur Jamsetjee D. Wadia. The land forms part of a salt work at Matunga, and I have been in correspondence with Mr. Wadia for a long time about the price. The sum now proposed is fair, and I request sanction to its being paid.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Cowasjee Hormasjee, Esq., seconded by Mulji B. Barbhaya, Esq.—

"That, as applied for by the Commissioner, in his letter No. 13211, dated 4th instant, the Corporation be recommended to sanction the payment of Rs. 10,925, with interest at 6 per cent., from date of possession, for 8 acres of land at Matunga* (being the estimated value of the ground if used for the purposes of salt manufacture) taken over for the Tansa pipe line from Khan Bahadur Jamsetji D. Wadia. The amount to be debited to the allotment for the purchase of land for the Tansa Works."

No. 6453.

*Carried.*

Considered the following :—

No. 12733, dated 31*st August* 1891.

Forwarded to the Standing Committee for sanction to the expenditure of Rs. 30-10-4 out of the allotment proposed by the Chief Accountant. The usual transfer statement accompanies.

As the Chief Accountant remarks, it is useless to incur expenditure on this chowki unless it is wanted, and the Commis-

* Shown in dotted white lines on the plan marked "A," dated this day, and filed in Supplement to Minute Book for 1891-92.

sioner has already reported that it is not of any immediate use, and the Health Officer now reports that it is of no use now or prospectively. The Corporation, however, insisted (Resolution No. 2577 of 8th June 1891) that it should be both repaired and utilized. An estimate has, therefore, been prepared for the repairs; but I fear that circumstances will prevent utilization of an useless building, though, if any use can be possibly found for it now or in the future, it will not be neglected.—H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

No 6454. "That memorandum from the Commissioner, to the Secretary, No. 12733, dated 31st August 1891, be forwarded to the Corporation, with reference to its Resolution No. 2577, dated 8th June last, and for decision whether under the circumstances the chowki (at Mahaluxmi) should be repaired, let, or sold for removal."

*Carried* (one dissentient).

No. 6455. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 13079, dated 3rd instant, and subject to the sanction of the Corporation, under Section 133 of the Municipal Act, sanction be given to a transfer of Rs. 558, *from* savings in conservancy branch, Section I, Superintendence and Inspection, Public Health Department Budget, *to* Markets and Slaughter Houses, Section I, Superintendence, same Budget, to meet the cost of acting arrangements during the absence of the Superintendent of Markets on privilege leave for 2 months."

No. 6456. *Resolved* : "That the following be *recorded* :—Letter No. 13268, dated 4th instant, from the Commissioner, stating that Rs. 100, has been provided in the current year's budget for the construction of two hand-trucks for carrying articles in connection with the miscellaneous drainage works, and that a similar provision was made in the last year's budget, which remained unexpended, but which has been renewed during the current year. Reporting that, as the construction of four such trucks would cause an excess over the budget grants, he has sanctioned the construction of three trucks only at a cost of Rs. 198-3-0, to be met out of the grants of Rs. 200 available."

No. 6457. *Resolved* : "That the following be *recorded* :—Letter No. 13324, dated 5th instant, from the Commissioner, reporting that he has sanctioned the

purchase, from Messrs. Richardson and Cruddas, of rolled beams, rail bearers and Horbury's flooring, required in connection with the laying of the 24" water mains in Queen's Road. The amount, about Rs. 1,486-4-0, to be met out of the sum of Rs. 1,500 reserved for this work."

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the consideration of the Sub-Committee's Report on the draft amended Pension Rules for Municipal Officers and Servants, and Rules for the Fire Brigade be postponed until after the return from leave of Mr. Acworth."

No. 6458.

*Carried.*

In accordance with notice, it was proposed by A. G. Viegas, Esq.—

"(1) That it is desirable that whenever there is a probability of excesses over the sanctioned estimates in connection with the execution of any work, it should be brought to the notice of the Standing Committee; (2) That, as a rule, no expenditure in excess should be incurred without the sanction of the Standing Committee."

No. 6459.

*Not seconded.*

The further consideration of the following was postponed till next week :—Letter No. 12336, dated 25th ultimo, from the Commissioner, reporting on Government Resolution No. 1536, P. W. D. (Railway), dated 11th July 1891, on the subject of the adjustment of charges in connection with the construction of the Byculla overbridge.

No. 6460.

The further consideration of the Commissioner's letter, No. 12879, dated 1st instant, on the subject of the construction of the Foras Road and Colaba Markets was proceeded with.

The Chairman informed the meeting that the Secretary had received a petition addressed to the Committee, signed by about 450 residents of Falkland Road, New Foras Road, Ripon Road, Clare Road, Bellasis Road, Gilder Street and other adjoining localities praying that the construction of the market in Foras Road may be proceeded with.

Proposed by A. G. Viegas, Esq., seconded by Kaikhosro N. Kabraji, Esq.—

"That the Corporation be recommended to request the Municipal Commissioner to invite tenders for, and proceed with, the construction of a new market at Foras Road.

"That the additional cost for the Colaba Market be included in the next year's budget."

*Amendment*, proposed by Colonel Wilson, seconded by Harkisondas Nurrotumdas, Esq.—

"That, with reference to the Corporation's Resolution No. 6414 of the 8th instant, the Standing Committee have the honor to report, that in forwarding the papers connected with the proposed markets at Colaba and Foras Road, the Committee are of opinion that the decision as to which market should be proceeded with first, should be given by the Corporation itself."

On a division the amendment was *lost*, the votes being 3 *for* and 5 *against*.

With the permission of the Chairman and the consent of the meeting, Mr. Viegas was allowed to *withdraw* his motion.

Proposed by Abdalla M. Dharamsi, Esq., seconded by A. G. Viegas, Esq.—

"(1) That, with reference to the Corporation's Resolution No. 6443, dated 8th instant, letter No. 12897, dated 1st idem, from the Commissioner, be forwarded to the President with a recommendation that the building of the Foras Road Market be taken in hand at once; and (2) that the Commissioner be requested to submit to the Standing Committee proposals for the further amount required to build the Colaba Market over and above the sanctioned grant of Rs. 50,300."*

No. 6461.

*Carried.*

*Resolved*: "That the following be referred to the Commissioner for favour of report:—Resolution of the Corporation, No. 6264, dated 3rd instant, as under:—'That the question of the proposed purchase of bricks for drainage and departmental works be referred back to the Standing Committee for report, as to whether the object to be attained cannot be secured by entering into contracts with the manufacturers of bricks to take delivery from them as required.'"

No. 6462.

*Carried.*

* See Proceedings of the Standing Committee, dated 2nd September 1891.

No. 6463. *Resolved*: "That the following be forwarded to the Commissioner for favour of remarks, and that the applicants be informed accordingly :— Memorandum from the Municipal Secretary, forwarding petition addressed to the Corporation by Saraswatibai, wife of Mr. Gunputrao Pandurang, on the subject of the rebuilding of her house situated at Cavel Street, Gaiwady."

No. 6464. *Resolved* : "That the following be *recorded* :—Memorandum No. 13304, dated 5th instant, from the Commissioner, forwarding results of the examination of the Vehar, Tulsi and Pawai waters. Stating that no water from the Pawai lake is being sent into the city."

*Sample of unfiltered Vehar water obtained from tap near Vehar Filters on the 2nd instant.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·02 |
| Albumenoid Ammonia | ·14 |

*Sample of filtered Tulsi water obtained from distributing basin, Malabar Hill Reservoir, on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·005 |
| Albumenoid Ammonia | ·12 |

*Sample of filtered Pawai water obtained from distributing basin, Bhandarwada Reservoir, on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·10 |
| Albumenoid Ammonia | ·03 |

*Sample of unfiltered Pawai water obtained from Inlet Channel, Bhandarwada Reservoir, on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·19 |
| Albumenoid Ammonia | ·05 |

*Sample of unfiltered Pawai water obtained from air tap, on delivery main from pumps at Engine House on the 2nd instant.*

| | Parts per million. |
|---|---|
| Free Ammonia | ·15 |
| Albumenoid Ammonia | ·15 |

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi and Tansa Lakes and the Pawai Reservoir for the week ending 6th September 1891.

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* *See* Appendix C.

BOMBAY, 16*th September* 1891.

AT the meeting of the Standing Committee held this day, there were present:—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE Mr. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE Mr. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO, G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 9th instant, were signed.

Before the business of the meeting was proceeded with the Commissioner informed the meeting that H. E. the Governor General in Council, in view of all the circumstances of the case, has decided to allow the period for the repayment of the fifth instalment of the Tansa Loan being altered from 40 to 50 years, subject to the consent of the debenture-holders. In the same way His Excellency will allow the period for the 6th instalment to run for 60 years. The Commissioner stated that under this arrangement, the Municipal revenue will be relieved to the extent of Rs. 55,000 per annum whilst, should the payment of the Vehar debt be made co-terminous with that of Tansa, there will be a further saving of Rs. 60,000 or in all Rs. 1,15,000 a year.

No. 6722. The seal of the Corporation was affixed to (1) deed of agreement (in duplicate) between Messrs. Thakar Narayen Purshotum, Thakar Dewji Purshotum and Thakar Hunsraj Purshotum, and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Nos. 102–104, Parel Road, Bhendy Bazar, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed or of any further work hereafter to be added to the work. In the event of any portion of the land shown upon the said plan and premises being required, the same to be given to the Corporation at the rate of Rs. 25 per square yard in full satisfaction, under Section 301 of the Municipal Act, as the value of the said land, and for any loss, damage or expense sustained by the said Messrs. Thakar Narayen by reason of such acquisition; and (2) to deed of conveyance, conveying to Messrs. Hurkisondas Nurrotumdas and Bhagwandas Narotumdas two pieces of Municipal land measuring 118·05 square yards and 150·30

square yards, or thereabout, respectively situated at Hornby Road.

No. 6723. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 13785 and 13807, dated 12th instant, and Nos. 14045, 14046, 14047, and 14048, dated 15th idem, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Shaik Emam Shaik Hussen ... | ...Building at Dharavi Road. |
| Mr. Hirji Ardesir Dadysett ... ... „ | at Walkeshwar Road. |
| „ Keshowlal Chunilal... ... ... „ | at Ripon Road and Clare Road. |
| „ Munjee Khoja ... ... ... „ | at Moogbhat Street. |
| „ Balloo Shewajee ... ... ... „ | at Gibbs Road. |
| „ Mahadu Govind Gowlee ... ... „ | at Tardeo Road. |

No. 6724. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 14190, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 6725. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 13572, dated 9th instant, sanction be given, under Section 216 of the Municipal Act, to the writing off of Rs. 29,891-4-6, being the amount of assessment bills misappropriated, or not accounted for, by the late Ward Clerk Jamsetji Muncherji Hakim."

No. 6726. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 13631, dated 10th instant, sanction be given to the refund of Rs. 14-8-0 to Mr. Sorabji Navroji Moosa, cart and bullock contractor, being the amount retrenched from his bill for toll fees paid by him during the months of April, May and June last."

No. 6727. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 13766, dated 11th instant, sanction be given to his entrusting the carrying out of the following works at the distributing and settling basins, Bhandarwada Reservoir, to the Indian Patent Stone Company :—

| | *Rate per brass.* Rs. | a. | p. |
|---|---|---|---|
| Removing existing pointing or old mortar and repointing walls with Indian patent stone ... | 41 | 0 | 0 |
| Covering floors with Indian patent stone one inch in thickness ... ... ... ... | 33 | 0 | 0 |
| Breaking arches, floors and walls for light and for lowering outlet pipes ... ... ... ... | 10 | 0 | 0 |
| Making good again in 3 to 1 cement mortar ... | 70 | 0 | 0 |

"The cost to be debited to the transfer of Rs. 40,764-7-0, sanctioned by the Corporation, in its resolution No. 6259, dated 3rd instant.

"That under the terms of Section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders which would otherwise be necessary, inasmuch as the Indian Patent Stone Company are specially engaged in the work of supplying and laying the stone."

Considered letter No. 13879, dated 14th instant, to the Secretary, as under :—

SIR,—Since the year 1889-90, a sum of Rs. 5,000 has been annually provided in the budget for repairs to the Tulsi main embankment and it has been regularly spent on repairing portions between DeLisle and Elphinstone Roads and Mahim and Bandora, but as there is no saving in the grant for repairs the remaining portion of the embankment between Mahim and Bandora, though it urgently requires repairs, has not been repaired.

It is very important that it should be put in a safe condition at once as it is exposed to the action of the tides and an accident would have very serious consequences. The estimated cost of repairing this portion is Rs. 10,780. The Executive Engineer reports that the portion of the embankment between Elphinstone Road and Mahim, and that beyond Bandora are also in need of urgent repairs and recommends that the work should be taken in hand at once and completed at the earliest possible date. This work is estimated to cost Rs. 25,000. The section of the Vehar 32" pipe embankment between Sion and Kurla which is washed by high tides has recently suffered much and repairs are urgently needed. The cost of this work is estimated at Rs. 10,000. No grant has been made in recent years for repairs of the Vehar pipe embankment. Thus it will be seen that the total sum required for putting these embankments in order is Rs. 45,780. This sum I propose to meet out of savings in the grants for materials (Water Works) and for the Pawai Establishment for 1891-92. Pawai water will not be pumped into the City during the remaining portion of this year, and no money will, therefore, be required on that account. The savings in the former grant (materials) up to the end of July 1891 are about Rs. 8,600 and in the latter, about Rs. 15,300, or total Rs. 23,900, leaving Rs. 21,880 to be provided for. For this balance when further savings on materials have accrued later on in the year, a further application will be made, but in the meanwhile I request the Standing Committee to recommend the Corporation to sanction the execution of the works referred to, and the payment of the savings abovementioned, which will suffice to meet the payment required in the current year.

I may add that if these proposals are sanctioned, they will obviate the necessity for including an equivalent amount in the coming year's budget.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 13879, dated 14th instant, the Corporation be recommended to sanction the execution of repairs to portions of Tulsi main embankment between Mahim and Bandora at a cost of Rs. 10,780 and between Elphinstone Road and Mahim and beyond Bandora at a cost of Rs. 25,000, as also a section of Vehar 32″ pipe embankment between Sion and Kurla, at a cost of Rs. 10,000 : total Rs. 45,780. The amount to be met out of savings in the grant for materials, Executive Engineer's Budget (Rs. 8,600) and from savings in the Pawai Establishment (Rs. 15,300) for 1891-92, total Rs. 23,900. The balance of Rs. 21,880 to be met from savings which may hereafter be reported by the Commissioner as accruing on the grants for materials, Water Works, and as may be sanctioned by the Standing Committee."

No. 6728.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 12336, dated 25th ultimo, the Corporation be recommended to sanction the payment, from surplus cash balance, of Rs. 6,356-0-9 to Government in settlement of the extra charges arising out of the construction of the Byculla overbridge."*

No. 6729.

The Secretary was requested to place this item on the agenda paper of the Corporation's meeting in November.

Proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Harkisondas Nurrotumdas, Esq.—

"That the following be *recorded*:—Letter No. 13894, dated 14th instant, from the Commissioner, requesting a reconsideration of the proposal to purchase 277 square yards, or thereabout, of land in connection with the project for extending Hummum Street to Marine Street on the east and Esplanade Road on the west, as proposals are, or will immediately be, submitted to build upon such land. Stating that the value of this land has been estimated at Rs. 251 per square yard, and that the construction of a building upon it will practically defer indefinitely, the extension of Hummum Street to Marine Street."

No. 6730.

*Carried.*

*Resolved* : "That the following be *recorded* :—Memorandum No. 13524, dated 9th instant, from the Commissioner, reporting, with reference to Standing Committee's resolution No. 4484, dated 3rd October 1888,

No. 6731.

* *See* Proceedings of the Committee, 2nd September 1891

the transfer of Rs. 1,00,000—(1) of Rs. 50,000 from the surplus cash deposit account to the Municipal General fund pass book, on the 31st ultimo; and (2) of Rs. 50,000 from ditto to ditto, on 1st instant."

Considered the following letter No. 580, dated 13th September 1891, to the Secretary :—

SIR,—I am directed by the Joint Schools Committee, to enclose herewith copy of a letter from the Director of Public Instruction, forwarded to them by the Educational Inspector, C. D., under his No. $\frac{C.B}{4288.}$, dated 31st ultimo, and to state that the letter has been referred to the Corporation with a request that the Committee may be favoured with an early reply with reference to any building scheme they may have in view for providing accommodation for any of the Municipal Schools.—I have, &c.,—N. B. MASANI, Secretary, Joint Schools Committee.

Also letter No. 3143, dated 28th August 1891, from the Director of Public Instruction, to the Educational Inspector, Central Division, as under :—

SIR,—As money will be short next year (the first of a new contract with the Supreme Government), I have the honor to inquire whether the Joint Schools Committee in Bombay have any application to make for the purchase of school premises during the current year.—I have, &c., K. M. CHATFIELD.

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No. $\frac{C.B.}{4288}$ OF 1891-92.

*Dated 31st August* 1891.

*Memo.*—Copy forwarded with compliments to the Chairman, Joint Schools' Committee, Bombay for the favour of early reply.—T. B. KIRKHAM, Educational Inspector, C.D.

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji B. Barbhaya, Esq. :—

No. 6732.

"That, with reference to his letter No. 580, dated 10th instant, the Secretary, Joint Schools' Committee, be informed that the only proposal which has been submitted to the Corporation regarding the provision of schools buildings is that for providing accommodation over the Bhuleshwar Market for 700 pupils at a cost of Rs. 81,840, and that this recommendation has been made to the Corporation on condition that in accordance with the usual rule of grants-in-aid, Government pay half the cost thereof.

*Carried.*

*Resolved* : "That the following be forwarded to the Commissioner for favour of remarks and that the applicant be informed accordingly :—

No. 6733. Letter, dated 8th instant, from Mr. Framjee Adarjee, stating that he has devoted many years of his life to the best practical mode of draining and flushing the impurities abounding in cities and towns, and requesting to be allowed an opportunity of unfolding his scheme."

Proposed by Colonel Merewether,. seconded by Colonel Wilson—

"That the following be forwarded to Mr. Acworth for any remarks he may have to offer on resolution

No. 6734. of the Corporation, dated 14th instant, as under :—

"That the Standing Committee be requested to inform the Corporation—

"1. If in the revised estimates of Rs. 1,47,00,000 for the Tansa Water Works, the sum of Rs. 1,50,000 formally entered in regard to the claim of Messrs. Glover & Co., for extras as provision against the time when the claims are decided upon has been drawn upon, or not?

"2. If it was not necessary before drawing upon that sum to obtain the specific sanction of the Corporation to the amount proposed to be paid.

"3. If it is true that Rs. 1,25,000 have been paid to Messrs. Glover & Co., for altered extra claims, in respect of which neither they nor the Engineer in charge of the Tansa Works could supply any specific details, and as to which the counsel to whom the matter was referred could fix no definite sum as compensation ?

"4. That if such aforesaid payment of Rs. 1,25,000 has been made, the Standing Committee be requested to inform the Corporation of the grounds and reasons on which such payment was made."

*Amendment* proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Abdulla M. Dharamsi, Esq.—

"That resolution of the Corporation, dated 14th instant, be referred to a Sub-Committee for report, consisting of Colonel Merewether,* the Hon'ble Mr. Javerilal U. Yajnik, and A. G. Viegas, Esq."

On a division, the amendment was *lost*, the votes being 5 *for* and 7 *against*.

The original motion was *carried*.

* Colonel Merewether declined to serve on the proposed Sub-Committee.

The following return was read and *recorded* :—

Return of fires at Parell Road, forwarded with the Commissioner's memorandum Nos. 13450 and 13679, dated 8th and 10th September 1891.*

Considered letter No. 14095, dated 15th instant, to the Secretary, as under :—

SIR,—I have the honour to forward herewith my Administration Report for 1890-91.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

No. 6736. " That the consideration of the Commissioner's Administration Report for 1890-91 be postponed till the submission of the review thereof."

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi and Tansa Lakes and the Pawai Reservoir for the week ending 13th September 1891.

Considered letter No. 14107, dated 15th instant, to the Secretary, as under :—

SIR,—In their resolution No. 696, dated 18th August 1886, the late Town Council sanctioned the payment of compensation for land taken up for the Tansa Water Works out of the allotment of Rs. 1,33,056, provided in the original estimate for the said works for land acquisition. In the revised estimates sanctioned by the Corporation, there is a provision of Rs. 2,29,000 for land acquisition, and I request the Standing Committee to extend the sanction accorded by the late Town Council, to the revised amount.—I have, &c., H. A. ACWORTH, Commissioner.

No. 6737. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 14107, dated 15th instant, and with reference to the Town Council's resolution No. 696 of 18th August 1886, sanction be given to the payment from time to time of such sums as may be certified by the Collector of Thana, to be due for land taken up through his agency in various villages in the Thana Collectorate for the Tansa Water Works.

" That such payments be debited to the provision of Rs. 2,29,000, sanctioned by the Corporation in the revised estimates for land acquired for the said works."

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* *See* Appendix **E**. † *See* Appendix **C**.

No. 6738. At the conclusion of the business, the Chairman on behalf of the Committee, wished Mr. Acworth a prosperous voyage to England and speedy return to Bombay, where the value of his services to the public is so kindly appreciated.

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BOMBAY, *23rd September* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO NOWROJI KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO, G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.

Surgeon-Major T. S. WEIR, Acting Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the Meeting held on the 16th instant, were signed.

No. 6977. *Resolved* : " That the following be *recorded*:—Letter No. 14244, dated 18th instant, from H. A. Acworth, Esq., C.S., Commissioner, conveying to the Chairman and members of the Standing Committee his acknowledgment of their kindness to him on the occasion of the last meeting."

No. 6978. *Resolved*: "That the following be *recorded*:—Memorandum No. 14262, dated 18th instant, from the Acting Commissioner, forwarding copy of a letter, dated same day, to the Secretary to Government, intimating that Mr. Acworth delivered over and he (Surgeon-Major Weir) received charge of the office of Municipal Commissioner, after office hours on that day."

No. 6979. *Resolved* : " That, as applied for by the Acting Commissioner, in his memoranda Nos. 14291, 14293 and 14294, dated 19th instant, and Nos. 14365 and 14366, dated 21st idem, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| | Name of Owner. | | Where. |
|---|---|---|---|
| Mr. | Aba Baker Hassum ... ... | ...Building | at Sivri Cross Road. |
| ,, | T. Frank Kenney ... ... ... | ,, | at Dharavi Road. |
| ,, | Hassu Laxumon ... ... ... | ,, | at Gowari Village. |
| ,, | Narsing Tata, present owner of the shed of deceased Gungaram Wittoo | ,, | at Gibbs Road. |
| ,, | Balloo Wittoo Mallee... ... ... | ,, | at ,, ,, |

The consideration of an application for sanction to the removal of a building at Sion Road, the property of Mr. Rastamji N. B. Jeejeebhoy, was postponed.

No. 6980. *Resolved* : " That, as applied for by the Acting Commissioner, in his memorandum No. 14537, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 6981. *Resolved* : " That the following be *recorded* :—Letter No. 14249, dated 18th instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 6527, dated 8th October 1890, that Rs. 2,116 have been paid to Mr. Jal as compensation for compound wall which was demolished in connection with land acquired for Sankli Street, from the then property of Mr. D. Sassoon."

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

No. 6982. " That, as applied for by the Commissioner, in his letter No. 14247, dated 18th instant, sanction be given to a suit being filed in the High Court against Messrs. Salvador Miranda and John Miranda for trespass or ejectment, with a claim for mesne profits, *i.e.*, profits made by them (if any) when cultivating rice on Municipal ground on the Tulsi pipe line situate at Shahar, between Golibar and Marole, Salsette.

" That this sanction is given subject to inquiry whether this case would not be within the jurisdiction of the local Court in Salsette, the land being outside the limits of the Town and Island of Bombay."

*Amendment*, proposed by Kaikhosro N. Kabraji, Esq., seconded by K. M. Shroff, Esq.—

" That Messrs. Salvador Miranda and John Miranda be served with a notice to give up possession of the land and to pay a fair amount of damages, as may be taxed by the Commissioner, in default of which action may be filed."

On a division, the amendment was *lost*, the votes being 4 *for* and 6 *against*.

The original motion was *carried*, by 7 votes, *against* 1.

No. 6983. *Resolved* : " That the following be printed and brought on for consideration next week :—Letter No. 14184, dated 16th instant, from the Commissioner, forwarding a report from the Executive Engineer, on the subject of the distribution of the water supply after

the introduction of the Tansa supply, and the cost of additional mains which are immediately required in connection therewith."

No. 6984. *Resolved*: "That the report of the Health Officer, for the second quarter of 1891, be passed on to the Corporation."

The following return was read and *recorded* :—

Return of fires at Sindee Gully and Mahim Bazaar Cross Road, forwarded with the Commissioner's memorandum No. 14194, dated 16th September 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi Pawai and Tansa Lakes for the week ending 20th September 1891.

The consideration of the following was postponed till next week :—Memorandum No. 14480, dated 22nd instant, from the Acting Commissioner, requesting sanction to the rate of compensation for the 89·66 square yards of land acquired for the improvement of Tardeo Road from Mr. Ratanjee D. Lowjee Wadia, being increased from Rs. 4 per yard, as sanctioned by the Town Council on the 29th February 1888, to Rs. 7 per yard.

No. 6987. *Resolved*: "That, as applied for by the Acting Commissioner, in his letter No. 14492, dated 22nd instant, sanction be given to the purchase from Messrs. Kharsedji & Sons, of Kirkee, of 42 pairs of bullocks at Rs. 120 per pair and 50 pairs at Rs. 150 per pair, for the Health Department at a total cost of Rs. 12,540 to be met out of the available balances for the current year.

"That, under Section 72 (3) of the Municipal Act, the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as Messrs. Kharsedji & Sons have, for many years passed, supplied this Municipality with bullocks."

No. 6988. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 14178, dated 16th instant, the Corporation be recommended to sanction the writing off of Rs. 97-15-2 from the live-stock return of the Market Department, being the book value of one bullock that died during the quarter ending 31st August 1891."

* *See* Appendix E. † *See* Appendix C.

The draft "Review" of the Commissioner's Administration Report for 1890-91, which had previously been circulated, was considered in detail, and with certain additions and alterations as shown in the Secretary's copy marked "A," was adopted as under:—

## Review by the Standing Committee of the Administration Report of the Municipal Commissioner for the City of Bombay for the year 1890-91.

1. *Income.*—It is a source of much satisfaction to the Standing Committee that they are again able to congratulate the Corporation on the condition of the Municipal finances, notwithstanding the fact that in order to provide for the payment of sinking fund and interest on the various loans raised, or to be raised, for the carrying out of the Vehar, Tulsi, Pawai and Tansa Water Works, for Drainage, Market Extensions, and other sanitary works, the Municipality, during the current year, has to provide no less a sum than Rs. 18,08,252-4-10. The opening balance on 31st March 1890 was Rs. 13,31,321-8-3, including the lapsed grant of Rs. 4,77,861-1-5 for 1889-90 renewed during the past year. The total revenue of the year ending 31st March 1891 was Rs. 58,61,182-6-4 or Rs. 4,53,882-6-4 better than the estimate, a result due to the enhanced receipts from the taxes on Vehicles and Horses, Water and Halalkhor taxes, Town Duties, Miscellaneous Receipts and interest and profits on invested funds. The increase of Rs. 30,948 from wheel-tax and tolls was nominal only, and is accounted for by the facts, that the outstandings of the previous twelve months were Rs. 9,500 higher than in 1889-90, and that Rs. 35,000 additional for public conveyances, were recovered, because the tax was levied last year for 21 months, *i.e.* from April to December 1890, and for the whole of the calendar year 1891 (in order to obviate a discrepancy between the dates of collection under the Municipal Act and the Public Land Conveyance Act), instead of for the official year ending 31st March 1891. As a matter of fact, there was really a falling off of Rs. 1,000 in tolls, and of Rs. 3,000 in the tax on private carriages. By far the largest increase was that from Town Duties, Rs. 1,72,519, due to the greatly increased consumption of sugar and ghee. On this point it is interesting to note that the importation of sugar, principally the cheap German beet-root, was the largest on record. No less than Rs. 2,78,186 were refunded for duty on this kind

of sugar exported for consumption up-country. Halalkhor and Water-taxes yielded Rs. 15,622 and Rs. 68,098, respectively, above the estimate. Of the large increase under Water-tax, Rs. 68,098, more than half, Rs. 38,861 was on account of interest and profit on the Tansa loan interest account. The other increases included Rs.7,441 from Licenses, &c., Rs. 14,984 from Tobacco duty, Rs. 23,371 from Public Gardens, Rs. 43,259 from Miscellencous Receipts (sale of land, rent of reclaimed ground, rent of chawls, Fire Brigade stations, &c.), and Rs. 1,30,456 from interest and profit on loan and reserve fund investments. In framing the estimates, the interest on loan and reserve funds was taken at Rs. 55,850. The actual yield, however, was Rs. 1,36,173-8-2, or Rs. 80,323-8-2 more than the estimate, while a profit of Rs. 50,132-14-0 was also made out of the sale, &c., of Government paper belonging to the surplus cash, and other investments. The method by which during the course of the year it was found practicable to make this large profit, was by paying loan charges, as far as possible, from available balances and the selling out invested funds to recoup the advances on the most favourable opportunities. There was a nominal profit of Rs. 72,175 on the adjustment of the stock returns, but in accordance with a recommendation made by Government, this item is shown separately as it cannot be treated as one of revenue.

2. *Expenditure.*—The total sanctioned expenditure (apart from loan works) was, including the lapsed grants renewed as mentioned above, Rs.65,64,924-13-6, of which Rs. 10,11,893-5-5 remained unexpended, the net expenditure being Rs. 55,53,031-8-1. Out of this unexpended amount, however, Rs. 5,49,481-8-7 representing the cost of unpaid liabilities and of works deferred are required during the current year, so that the actual saving on the estimates was Rs. 4,62,411-12-10. Of this saving, Rs. 1,70,115 were in the Engineer's Department, including lighting and other charges, Rs. 59,504 on new works, Rs. 76,915 on Health Department, and Rs. 83,936 on debt charges—chiefly owing to the postponement of the taking up of loans. As compared with the actuals of the previous year, the expenditure was greater under all items except miscellaneous, and the net increase was Rs. 5,10,626. From a statement on page 10, it appears that the expenditure during the last five years on Tansa and other water works, sewerage, minor sanitary works, drainage, roads, and markets was Rs. 1,63,47,505-10-0

The gross payments on account of Municipal Debt amounted to Rs. 15,52,138-7-5 ; of this sum, Rs. 12,09,960-14-6 was on account of interest and charges on loans and Rs. 3,42,177-8-11 on account of repayment of Capital. The interest on Water Works Loans was Rs. 8,05,038-12-6 and on other loans Rs. 3,97,174-14-2. On Tansa Works Loans the interest paid during the year amounted to Rs. 4,60,530-7-11.

3. *Assets and Liabilities.*—The assets at the close of the year were estimated at Rs. 4,93,37,380-10-10 made up as follows :—Investments, Loan Funds and Building and Sinking Funds, Rs. 84,22,379-14-1 ; Advances, departmental and to contractors, Rs. 2,59,050-7-1 ; Municipal property (1) land and buildings, Vehar, Tulsi, Pawai, Tansa and other Water Works, Rs. 3,12,62,859-9-8; (2) roads, bridges, and other improvement works, Rs. 76,39,217-0-9 ; (3) Stock, Rs. 17,53,873-11-3. The liabilities are shown at Rs. 3,42,56,265, namely, Rs.3,28,54,981-12-6 on account of loans, Rs. 13,69,570-11-10, deposits by contractors, &c., and Rs. 31,712-7-8, adjustment items. According to these figures, the value of the assets over the liabilities was Rs.1,50,81,115-10-10.

4. *Valuation.*—The number of properties on the Assessment book at the close of the year was 50,873, an increase of 448 in the year, of which only 37,839 were assessed to the general tax, 5,358 being exempted or compounded for, and 7,676 being small plots of unproductive land for which no bills are issued. The total valuation of these properties was Rs. 2,82,27,355, of which Rs. 2,27,69,337 only was chargeable with the General Tax. During the year, the valuation was increased by Rs. 8,62,996. The total number of bills for collection was 79,746, amounting to Rs. 35,46,223-8-1. The Committee regret to find that the outstandings amounted to Rs. 4,15,800-10-1 in respect of 6,294 bills. These were chiefly on account of disputes regarding water and halalkhor taxes and the one-fifth drawback. This total, however, had, by the 10th of last month, been reduced by Rs. 1,79,640-0-8, but important questions connected with the levy of the Halalkhor tax, due to the changed conditions of the new Municipal Act, are still under litigation. There were only 13 appeals to the Chief Judge of the Court of Small Causes, of which 3 were allowed, 3 dismissed and 7 settled by consent. The Revenue and Audit Department was organized during the year and page 22 contains an account of its work.

5. *Defalcations in the Assessment Department.*—The Municipal Commissioner in the introductory part of his report refers to two frauds discovered in the Assessment Department, both of which were committed by Ward Clerks. In one case, that of Jamsetji Muncherji Hakim, defalcations were discovered to the extent of Rs. 31,891. The Ward Clerk was convicted and sentenced to 3 years' rigorous imprisonment. The Commissioner made a report, dated the 24th September 1890, regarding the defalcations and applied for additions to Ward Establishments and Revenue and Refund Audit Department, amounting to Rs. 600 per month or Rs. 7,200 per year. The Corporation appointed a Committee of its body to investigate and report on the questions referred to in the Commissioner's report and sanctioned, pending the presentation of such report, the employment of the extra establishment. Another fraud was discovered in the Assessment Department, by Manekji Adarji. In this case the defalcations amounted to Rs. 582. The man is still at large, though a warrant has been issued for his apprehension.

6. *Water Works.*—Important progress was made with the Tansa Water Works, and by the end of the year the dam, which contains 11,000,000 cubic feet of masonry, was practically completed. The rainfall was 105·93 inches, against an average during the previous five years of 103·33, and on 31st March the level of the impounded water was 378·51 R.L. or only 1′ 49″ beneath the sill of the lowest outfall sluice, and at the present time, as the Corporation are aware, the lake is level with the top of the waste weir. On the duct works, the tunnelling had all been completed on 31st March except about 900 lineal feet, whilst the 23 miles of masonry conduits were nearly finished. The laying of the 48″ mains on the syphon tracks except on track No. 1, approached completion, and all the pipes required for the project except a small number of special castings, were tested and passed in England. The laying of the main from Ghat Kopar to Arthur Road has involved difficulties, and the contractors, Messrs. Sittaram Luximon, not being able to cope therewith, the progress of this portion of the work is not saisfactory. There is, however, no reason whatever to suppose that the work will not be completed within the contract period. The revised estimates of the whole scheme already sanctioned by the Corporation amount to Rs. 1,47,00,000, but a

further excess of Rs. 1,50,000 has now been reported to the Committee. The rainfall at all the lakes was very heavy. At Pawai the water from the new lake was pumped during the monsoon with satisfactory results. The repairs of the Malabar Hill and John Hay Grant reservoirs, intended to stop the leakages therefrom, made satisfactory progress, and it may be expected that when these are completed the leakage will be reduced to a minimum, if not altogether stopped. Twenty-eight thousand feet of new mains were laid in various localities, and 6,115 feet of old pipes relaid. The total number of connections with the mains was 17,634, of which 736 were added during the year.

7. *Drainage.*—Adverting to the question of drainage, the Commissioner reports that the pumping engines at Love Grove were worked satisfactorily on the whole, although at an enormous consumption of coal. The Committee appointed by the Corporation to enquire into the whole question have reported, and the Corporation have, quite recently, sanctioned the purchase of new pumps and engines. The construction of house connections for the Agripada district was entrusted to Mr. Sittaram Luxomon, and satisfactory progress is being made therewith. As to the future of the drainage, the Committee concur generally in the remarks of the Commissioner on the subject, but considering it is a settled thing that the Colaba outfall is practically impossible, it has been their duty to recommend bringing the Love Grove outfall arrangements to a proper state of efficiency by the supply of new pumping engines. It is all the more satisfactory to the Committee, therefore, to find that Government under date of the 15th instant has decided that the outfall must be retained at Warli.

8. *Building By-laws.*—Serious disasters occurred from the fall of faultily constructed buildings resulting in the death of 44 persons and the injury to 32 others, and as it was shown during the course of the enquiries into these accidents, that building by-laws are urgently needed in the public interest, the Committee earnestly hope that when the by-laws which have now been approved by the Corporation are passed into law, they will be found sufficient to enable the building department to exercise a proper amount of control in regard to the quality of materials and the stability of structures.

9. *Fire Brigade.*—The duty of selecting an officer for the head of the Bombay Fire Brigade was kindly undertaken by

Captain Shaw, C.B., the late chief of the London Fire Service, who selected Mr. Nicholls. This officer entered upon his duties on 1st September 1890, and has ever since been busily engaged in organizing the Brigade, which now numbers 137 officers and men, with 7 steam fire engines, 7 manuals and 3 fire escapes; as the cost of the brigade for 1890-91 was estimated at Rs. 1,50,000, and the Corporation have sanctioned the building of new quarters and fire stations at a cost of Rs. 4,50,000, and have likewise made a grant for the purchase of two new engines and plant, the brigade should speedily become efficient.

10. *The Public Health and Vital Statistics.*—Notwithstanding the unhealthiness of portions of the season, it is gratifying to observe that the deaths from all causes were only 20,534, or a decrease of 2,844 as compared with the figures for the previous year, the average of the five previous years being 21,384. The death-rate was 25·35 per 1,000. There was a decrease in the mortality from small-pox, measles, cholera, diseases of the respiratory system, diarrhœa and dysentery. On the other hand, there was an increase in the deaths from fevers, phthisis, diseases of the nervous system and accidents. In spite of an epidemic of influenza, the mortality from the chief causes of death was less than in the year before, and, on the whole, the public health was better. The number of deaths from cholera was only 102, from small-pox 150, measles 179, fever 6,489, phthisis 2,728, diseases of the nervous system 1,936, diseases of the respiratory system 3,335, diarrhœa 905, dysentery 507, accidents 397, and all other causes except still-born, 3,806. The death-rate from fever was the greatest in the districts of Parel, Byculla and Mahaluxmi. The Corporation will remember that the Committee which they appointed in November 1889 to consider the increasing mortality from this cause, attributed it to imperfect drainage, absence of drainage, imperfect conservancy, street nuisances, the bad state of private lanes, overcrowding, the presence of milch cattle stables, and the disposal of town-sweepings on the Flats. The complete absence of drainage in Colaba and Malabar Hill necessitates the use of cess-pools, the increasing number of which is becoming a serious nuisance; whilst the removal, or rather partial removal, of the contents of the pools is a severe tax on the Health Department. The only remedy is the construction of drains, for it is impossible to remove in a very

limited number of carts all the filthy water placed in the cess-pools. The very high mortality from fevers in Parel is, in some measure, due to the expansion of the population and to the absence of drainage. The highest mortality by class, occurred among a small and fluctuating community, Negro-Africans, the ratio being 33·38 per 1,000. The lowest mortality was amongst Europeans (1·43). At page 386 of his report, the Health Officer states that there were 45 deaths from leprosy, or 25 less than the average. With the segregation of lepers in the excellent Home at Matunga, and therefore the more correct registration of these unfortunate out-castes, Dr. Weir hopes that in the future more exact information will be obtainable in the matter, the number of deaths now registered from leprosy and the ills which accompany that dreadful disease, being probably far below the actual number.

The birth returns show the usual discrepancy between births and deaths 15,386, exclusive of still-borns, as against 15,943 for the preceding year, but in the opinion of the Health Officer these figures may be regarded as fairly correct, having regard to the last Census returns which establish the fact of the vast preponderance of the male over that of the female population of Bombay.

11. *Work of the Health Department.*—As to the work performed by the Health Department, on an average 4,129 men and women, 788 scavenging, and 166 night-soil and cess-pool carts were employed daily. 309,482 tons of garbage or cutchra, equal to 847 tons a day, were collected and removed, as also 131,836 tons of night-soil, equal to 361 tons per diem. 192 miles of covered drains were opened and cleaned. The total expenditure on the department was Rs. 11,55,118-3-9. As, however, the department earned Rs. 6,34,478-14-5, its actual cost was but Rs. 5,20,639-5-4.

12. *Markets.*—As usual, the public markets were well supplied with vegetables and fruits, and fairly well with mutton, but the supplies of fish and beef were below the average. Sixty-six tons of meat, fish, rice, and sugar were destroyed as being unfit for human food. The revenue from markets and slaughter houses was Rs. 3,48,106, an increase of Rs. 18,936.

13. *Joint Schools Committee.*—The first report of the Joint Schools Committee is included in the Commissioner's Report. There were 130 schools under the Committee with 6,134 pupils, a proportion of children which is manifestly far below what it should be.

The report, which sets forth the insanitary condition of many of the schools, and places before the Corporation the grounds on which that Committee base their case for a largely increased expenditure, deserves the careful consideration of the Corporation.

14. *Municipal Servants Act.*—In reference to Government Resolution No. 1713, General Department, dated 14th May 1891, it should be mentioned that no prosecution has yet been found necessary under the Municipal Servants Act No. V. of 1890. Copies of the Act are furnished to all servants affected thereby.

15. *Report of the Municipal Auditors.*—The Annual Report of the Auditors, dated 8th instant, supplies a good deal of useful information regarding the details of Income and Expenditure, particularly in the matter of comparison with the receipts and disbursements for the preceding year and regarding the accounts of the Joint Schools Committee.

Especial attention is drawn by the Auditors to the questions of the expenditure under discretional contingencies and lapsed grants, and to the subject of stamped signature attached to bills for rates and taxes, as to the objectionable practice of submitting duplicate instead of the original bills for private works, which have to be written off as irrecoverable, and also to vouchers for work done in the Workshops on account of loan works, and works constructed out of loan works, &c., being sent in without any details as to quantities and rates charged, by which the Auditors would be enabled to compare the quantities and rates with the sanctioned estimates.

In accordance with the terms of Section 124 (3) of the Municipal Act, the Standing Committee direct that all the appendices attached to the reports of the several heads of departments, as received from the Commissioner, be circulated with his report for the information of the Corporation.

*The foregoing "Review" is circulated to Municipal Councillors as directed by Section* 124 (3) *of the Municipal Act III. of* 1888.

E. B. CARROLL,
Chairman of the Standing Committee.

23*rd September* 1891.

No. 6989. *Resolved*: "That the 'review' of the Administration Report of the Municipal Commissioner for the year 1890-91, be approved, and, together with the report and the appendices thereto, be passed on to the Corporation.

"2. That, under Section 124 (3) of the Municipal Act, the Committee approve of copies of the said report being sold to any person requiring the same on payment of Rs. 5 per copy as hitherto."

The consideration of the following was postponed till next week :—Letter No. 14108, dated 15th instant, from the Commissioner, forwarding a report from the Executive Engineer, showing the probable financial result of the Tansa project.

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BOMBAY, 30*th September* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.I.E.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.
SURGEON-MAJOR T. S. WEIR, Acting Commissioner; and the SECRETARY.

The minutes of the meeting held on the 23rd instant, were signed.

No. 7158. The seal of the Corporation was affixed to 6 attested duplicate debentures of the Municipal Loan of 1878, Nos. 2720, 2820, 2821, 3498, 3499 and 3891, of Rs. 500 each.

No. 7159. *Resolved* : "That, as applied for by the Acting Commissioner, in his memoranda Nos. 14920, 14921, and 14922, dated 28th instant, sanction be given, under Section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Luxumon Vittoo ... ... ... | Building at Darukhana. |
| „ Khoja Habib ... ... ... | Do. do. |
| „ Sheodial Kassiram ... ... ... | Do. do. " |

No. 7160. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15126, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 7161. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 14661, dated 24th instant, and in place of the resolution of the Town Council, No. 138, dated 28th April 1886, sanctioning payment to Mr. Pestonjee Dhunjibhoy at the rate of Rs. 10 per square yard, for the 1·81 square yards or thereabout of ground taken up for the improvement of Marine 3rd Lane, sanction be now given to the payment of such money to Messrs. Ardesar Pestonji and Ruttonji Pestonji."

*Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 14663, dated 24th instant, and in place of the resolutions of the Standing Committee, No. 5144, dated 7th November 1888, and of the Town Council's No. 816, dated 2nd May 1888, sanctioning payment to Mr. Shamji Murarji at the rate of Rs. 2-12-0 per square yard for the 26·87 yards, or thereabout, of ground taken up for the improvement of Ghorupdeo Road, sanction be now given to the payment of such money to Messrs. Rustomjee Dadabhoy Cama, Framjee Rustomjee Cama, Eduljee Rustomjee Cama, and Muncherjee Hormasjee Cama, trustees of Bai Dhunbaijee Framjee Panday."

No. 7162.

*Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 14662, dated 24th instant, and in place of the resolution of the Town Council, No. 2094, dated 31st March 1886, sanctioning payment to Mr. Motiram Dayaram at the rate of Rs. 1-6-0 per square yard for the 17·78 yards, or thereabout, of ground taken up for the improvement of Ghorupdev Road, sanction be now given to the payment of such money to Messrs. Rustomjee Dadabhoy Cama, Framjee Rustomjee Cama, Eduljee Rustomjee Cama, and Muncherjee Hormusjee Cama, trustees of Bai Dhunbaijee Framjee Panday."

No. 7163.

Proposed by Mulji B. Barbhaya, Esq., seconded by Colonel Merewether—

"That, in lieu of the rate of Rs. 4 per square yard, sanctioned in the Town Council's resolution No. 2397, dated 29th February 1888, for 89·66 yards of land at Nos. 119—121, Tardeo Road, taken up for street improvement, sanction be now given to payment, at the rate of Rs. 5 per square yard, for the said land."

No. 7164.

*Carried.*

*Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 14758, dated 25th instant, sanction be given, under Section 381 of the Municipal Act, to a written notice being served on Haji Ahmed Haji Usman requiring him to fill in the piece of low lying ground owned by him at Chikalwadi which is at present under water."

No. 7165.

*Resolved* : "That the following be *recorded* :—Memorandum No. 14750, dated 25th instant, from the Acting Commissioner, reporting on the fall of two houses during the month of August last, on the 26th ultimo" :—

No. 7166.

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss. | Whether or not action taken by the Municipality. | Whether or not warning given to the parties. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Rs. | | | |
| 1 | B | 353 | Samuel Street. | Mirzali Khan Mahomed. | House ... | ... | 26th Aug. 1891. | Removing old beams and substituting new ones. | Centre portion of house. | Nil. | Nil. | 1,000 | Nil ... | Nil ... | |
| 2 | G | 176 | Mahim Bazar Road. | Amu Khatiz... | Ditto ... | 15 years. | 7th Aug. 1891. | Wood work rotten and walls cracked and inclined. | South & East walls & veranda | " | " | 15 | ... | ... | Action was taken and ruinous portions pulled down. |

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotamdas, Esq.—

No. 7167. "That, as recommended by the Acting Commissioner, in his letter No. 14741, dated 25th instant, sanction be given to the purchase, from Messrs. Richardson & Cruddas, of 12 sluice valves required in connection with the laying of mains in Queen's Road and for other ordinary works, at the following rates :—

| | | | | | | Total. |
|---|---|---|---|---|---|---|
| Nos. 3 | ... Diameter 18″ | ... at Rs. 260 | each | ... Rs. | 780 |
| „ 1 | ... „ 20″ | ... „ 300 | „ | ... „ | 300 |
| „ 1 | ... „ 21″ | ... „ 320 | „ | ... „ | 320 |
| „ 6 | ... „ 24″ | ... „ 390 | „ | ... „ | 2,340 |
| „ 1 | ... „ 26″ | ... „ 490 | „ | ... „ | 490 |
| | | | | Rs. | ... | 4,230 |

The total cost, Rs. 4,230, to be debited in the first instance against the sanctioned advance for the purchase of Water Works Stores and subsequently adjusted against the grants in respect of which the valves are used.

"That under the terms of Section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders which would otherwise be necessary, as Messrs. Richardson & Cruddas are now specially engaged on the construction of sluice valves for the Tansa Water Works."

*Carried* (with one dissentient).

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazalbhoy Visram—

"That the following be forwarded to the Corporation:—

No. 7168. Letter No. 14838, dated 28th instant, from the Acting Commissioner, reporting, with reference to their resolution No. 6264, dated 3rd idem, on the question of the proposed purchase of bricks for drainage and other departmental works.

"2. That on account of the special reasons stated by the Acting Commissioner, the Corporation be again recommended to sanction an advance of Rs. 20,000 from surplus cash balance to meet the cost of purchasing 10 lakhs of the best bricks suitable for buildings, drainage and other works, from the makers direct. The amount to be hereafter adjusted by debit to works executed either out of loan funds or current revenues, as the case may be."

*Amendment* proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Abdalla M. Dharamsi, Esq.—

"That the Corporation be recommended to sanction an advance, not exceeding Rs. 20,000 from cash balance, to meet the cost of purchasing from time to time ten lakhs of bricks for drainage works, the bricks being paid for as delivered, it being a condition of the contract that the bricks should be delivered by the contractor in such instalments as the Commissioner may require, but that the whole quantity be not taken delivery of at once and stored in the Municipal yard."

On a division, there were 6 votes *for*, and 6 *against* the amendment. The Chairman gave his casting vote against the amendment, which was *lost.*

The original motion was then *carried* by the casting vote of the Chairman.

No. 7169. The consideration of the following items was postponed:—

(1) Letter No. 14108, dated 15th instant, from the Commissioner, forwarding a report from the Executive Engineer, Tansa Works, showing the probable financial results of the Tansa project as they present themselves to him.

(2) Letter No. 14184, dated 16th instant, from the Commissioner, forwarding a report from the Executive Engineer, on the subject of the Water Works Loan proposed to be entered in the budget for 1892-93, to provide for the distribution of the water supply after the introduction of the Tansa supply.

*Resolved* : "That, with reference to petition, dated 26th

No. 7170. August last, from Asser Lalji and other firewood-dealers, praying that the old fee of Rs. 10 for each place used for the storage of firewood may be adopted again, the Corporation be recommended to inform the petitioners, that the present scale of fees for the sale and storage of firewood was carefully considered by the Corporation before they sanctioned the same in November last. The former scale was then revised to the advantage of small dealers and no further modification of these fees can be made at present."

*Resolved* "That, as applied for by the Secretary, sanction

No. 7171. be given to the employment of a temporary peon for one month on Rs. 8. The amount to be met from savings in the grant for Councillors' fees."

The following return was read and *recorded* :—

Return of fire at Victoria Bunder (Lower Colaba), forwarded with the Commissioner's memorandum No. 14335, dated 21st September 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 27th September 1891.

Proposed by Cowasjee Hormusjee, Esq., seconded by Hurkisondas Nurrotamdas, Esq.—

"That, as applied for by the Acting Commissioner, in his letter No. 15013, dated 29th instant, the Corporation be recommended to sanction the payment, out of surplus cash balance, of Rs. 5,083-5-4, being the amount of pay to be drawn by the Acting Municipal Commissioner for two months and one day from the 19th instant."

No. 7173.

*Carried.*

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BOMBAY, *7th October* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.I.E.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; DAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; ACCACIO G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

SURGEON-MAJOR T. S. WEIR, Acting Commissioner; the EXECUTIVE ENGINEER, Tansa Water Works; and the SECRETARY.

The minutes of the meeting held on the 30th ultimo, were signed.

*Resolved* : "That, as applied for by the Acting Commissioner, in his memoranda Nos. 15276, 15277, 15278, 15279 and 15287, dated 1st instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

No. 7268.

| Name of Owner. | Where. | |
|---|---|---|
| Mr. Jiva Baloo ... ... | Building at Darukhana | |
| „ Allarukia Gangjee ... | Do. | Matharpakadi Road. |
| „ Mathuradas Scheochurun.. | Do. | Darukhana. |
| „ Muncherji Byramjee ... | Do. | Gilder Street. |
| „ Ladak Nathoo ... ... | Do. | Matharpakadi Road." |

* *See* Appendix D. † *See* Appendix C.

No. 7269. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 15718, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 7270. *Resolved*: "That the following be *recorded*:—Letter No. 15076, dated 29th ultimo, from the Acting Commissioner, reporting that he has sanctioned at a cost of Rs. 125, the purchase of 500 flower pots from Nagha Luxumon for the Malabar Hill Reservoir Gardens, to the debit of the grant for Water Works materials."

No. 7271. *Resolved*: "That, as applied for by the Acting Commissioner, in his letter No. 15160, dated 30th ultimo, the Committee approve, under section 19 (6) of the Municipal Act, to the charging of a fee of Re. 1 per copy of the Election Roll which has to be published on or before the 9th instant."

No. 7272. *Resolved*: "That, as applied for by the Acting Commissioner, in his letter No. 15207, dated 30th ultimo, sanction be given, under section 172 of the Municipal Act, to the charging of halalkhor tax at the special rate of Rs. 17-4-0 per mensem up to 30th September 1891, in respect of A Ward, No. 309 (5), Colaba Land and Mill Company."

No. 7273. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 15145, dated 30th ultimo, sanction be given to the transfer of Rs. 3-6-0, from savings in the grant for cemeteries, 3, feed of horses, to same head, 4, to meet excess in the grant for rent."

No. 7274. *Resolved*: "That, as recommended by the Acting Commissioner, in his letter No. 14963, dated 28th ultimo, and under the Pension Rules, sanction be given to the payment of a monthly pension of Rs. 50, from 16th July 1891, to Inspector F. L. DeSilva, of the Executive Engineer's Department."

No. 7275. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 15304, dated 1st instant, and under the Pension Rules, sanction be given to the payment of a gratuity not exceeding Rs. 116-14-2, to Mr. Sorabji Muncherji, clerk in the Chief Accountant's Office, in respect of his service of 7½

years, and inasmuch as loss of sight prevents the said Mr. Sorabji Muncherji from continuing in the service. The amount to be debited to the grant for pensions and gratuities for the current year.

"That in this case, the medical certificate of unfitness for service granted by Mr. Pascol, L. M. & S., Principal Medical Officer, Mudhol State, and Mr. Sorabjee D. Mehta, L. M. & S., Surgeon, Prince of Wales Hospital, Jamkhandi, dated 18th September 1891, be accepted, as the said Sorabjee Muncherjee is a resident at Mudhol, in lieu of certificate from the Government Medical Board, *vide* resolution of the late Town Council No. 1045, dated 15th October 1884."

No. 7276. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 15305, dated 1st instant, and in lieu of the resolution of the Town Council, No. 1842, dated 7th March 1887, and the resolution of the Standing Committee, No. 6094, dated 2nd ultimo, sanctioning payment to Sheik Nurudin Jivakhan at the rate of Rs. 5 per square yard for the 511·22 yards of land acquired for the improvement of Chikalwadi Lane, sanction be now given to the payment of such money to Haji Absater Haji Oomer."

No. 7277. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 14923, dated 28th ultimo, and in lieu of the resolution of the Town Council, No. 577, dated 15th June 1887, sanctioning payment to Khoja Megji Moorji, at the rate of Rs. 25 per square yard, for the 44·17 yards of land acquired at No. 133, New Hanuman Lane, sanction be now given to the payment of such money to Messrs. Dinshaw Nowroji Bode and Darashah Nowroji Bode, trustees of the estate of the late Mr. H. N. Bode."

The consideration of the following letter No. 14108, dated 15th September 1891, from the Commissioner, to the Secretary, reporting on the probable financial result of the Tansa project, was resumed :—

SIR,—I have the honor to forward a report from Mr. Clerke, showing the probable financial results of the Tansa project as they present themselves to him, indicating a net excess of Rs. 1,02,825. More than half of this, or Rs. 56,000, are attributable to land compensation, and the balance to extra work on the duct which the experience of this monsoon has shown to be necessary. I show side by side

Mr. Clerke's figures in the revised estimates sanctioned by the Corporation, and his present figures under each head.

| Revised Estimate. | Present Estimate. | |
|---|---|---|
| Rs. | Rs. | |
| 36,10,000 | 35,58,840 | Dam, &c. |
| 52,31,000 | 56,27,350 | Duct. |
| 5,20,000 | 4,65,810 | Ghatkoper to Bombay. |
| 40,00,000 | 39,00,317 | Pipes, &c. |
| 4,75,000 | 4,75,000 | Establishment. |
| 6,35,000 | 6,35,000 | Contingencies. |
| 2,29,000 | 2,85,040 | Land. |
| 1,47,00,000 | 1,49,47,357 | |
| Difference..... | 2,47,357 | |
| Deduct credits..... | 1,44,532 | |
| | Rs.... 1,02,825 | |

Under the heads of dam works from Ghatkoper to Bombay, and pipes, there are savings of Rs. 51,160, Rs. 54,190 and Rs. 99,683, or altogether Rs. 2,05,033, while the credits amount to Rs. 1,44,532, making a total to the good of Rs. 3,49,565 ; but against this has to be set under Mr. Clerke's report, an excess on the duct of Rs. 3,96,350, and on land of Rs. 56,040, forming a total of Rs. 4,52,390. The price which the acquisition of land will entail is always an uncertain element, and I do not feel that any explanation is here necessary. I trust that the provision now made will suffice, but in several land acquisition cases the final decision is not yet given, and I can give no guarantee on the point. The excesses on the duct became apparent to me some months ago, but I have waited until I could appraise them in their totality and provide the Standing Committee with clear information as to their consequences on the revised estimates as a whole before bringing them before that body officially.

Mr. Clerke has, during the monsoon now drawing to a close, been continually occupied in testing the line of duct at intervals along its entire length which its comparatively complete state has for the first time permitted him to do, in particular the siphons and siphon heads, and various elements of weakness have disclosed themselves, such as the masonry slopes at siphon heads, with which it was necessary, for the safety of the work, to deal. No expenditure has been incurred which the security and completeness of the work did not absolutely require.

There is another item which will cause a further excess and to which Mr. Clerke has made no allusion. Though we may fairly hope that the work will be complete and the maintenance period commences in March next, it will not in Mr. Clerke's opinion, be safe to discharge the greater part of his establishment until after the rains of 1892. His own services, as I need not remind the Standing Committee, cannot under his contract be dispensed with before October 1892, and it would not be advisable in the interests of the city, whatever the contractors' responsibility for maintenance, that the Engineer's establishment should be altogether withdrawn.

until about that date. The cost of maintaining it to the end of October, or for eight months will be Rs. 47,322, say Rs. 48,000, and I propose that up to that time it shall remain a capital charge, and that the work shall only be taken over by the Executive Engineer with a reduced establishment which will fall on revenue, and for which I have made provision in the budget from the end of October. The entire excess on the revised estimates will thus amount to Rs. 1,02,825+ Rs. 48,000=Rs. 1,50,825, say, Rs. 1,50,000. This amount can be met from the premia now in hand on the instalments of the Tansa loan which have been already raised and which amounts to Rs. 2,56,406-1-0 after meeting all expenses incidental to the raising of these instalments.—I have, &c., H. A. ACWORTH, Commissioner.

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No. 749 OF 1891-92.

BOMBAY, *9th September* 1891.

To THE COMMISSIONER.

SIR,—In continuation of my No. 520, dated 1st July 1891, and as called for in your endorsement No. 13312, dated the 5th instant, I have the honor to submit herewith a statement showing the financial results of the whole Tansa project as far as they can be foreseen.

2. The statement shows a total excess of a little more than Rs. 1,00,000 on the revised estimate, and of this Rs. 56,000 is due to land compensation on which I have reported in my No. 724, dated the 2nd instant.

3. The further outlay under the head "dam outlet works, &c.," provides for the screens, gearing, &c., in the outlet basin and for an alteration in the parapet of the outlet ladder which the experiments I have made since the lake filled, have shown to be necessary.

4. Under the head "duct works" the probable further payments to the contractors includes the work actually remaining to be done to complete the duct and certain extra works which they have from time to time carried out, but which have not yet been paid for. Provision for the payment of one month's bonus is made as it is possible the contractors may finish the work one month before the contract date. The contractors have written to me preferring claims for increases in quantities, extra rates on certain items, &c., but as I do not think these claims can be upheld, I have not made any provision on this account. The experience of the present rains has shown that at some of the siphon head approaches, at some of the clearing sluices, &c., special protection works not provided for will be necessary, and a sum of Rs. 1,00,000 has been provided for this purpose and for the construction of valve houses on siphon No. 6 and cabins on all siphon head chambers.

5. The possibility of failures on the line of duct has been referred to by me in my report No. 382, dated 5th June 1891, but it is not practicable to make provision for such repairs should they be necessary.

6. The provision for establishment provides for the requirements until the work is brought into operation.

7. Under the head "credits" the value of pipes, &c., in stock, is based on a statement which I have had prepared of the actuals.—I have, &c., W. CLERKE, C. E., Executive Engineer, Tansa Works.

# TANSA WATER WORKS.

*Statement showing the total probable expenditure to the completion of the Works.*

| | Rs. | Rs. |
|---|---|---|
| **Dam Outlet Works, &c.** | | |
| Expenditure to end of June 1891 ... ... ... ... | 35,50,840 | |
| Probable further outlay on outlet works, screens, &c. ... | 8,000 | |
| | | 35,58,840 |
| **Duct Works.** | | |
| Payments made to Contractors to end of June 1891... ... | 51,57,068 | |
| Probable further payments to be made to Contractors, including extras, &c. ... ... ... ... ... ... | 1,50,000 | |
| Possible bonus to Contractors ... ... ... ... ... | 8,000 | |
| Extra rates for Work done prior to November 1889 ... | 2,12,282 | |
| Provision for valve houses on siphon No. 6, cabins on all siphon head chambers and special works on siphon head approaches, at clearing sluices, &c., which the experience of the present rains has shown to be expedient ... ... | 1,00,000 | |
| | | 56,27,350 |
| **Works from Ghat-Kopar to Bombay.** | | |
| Expenditure to end of June 1891 ... ... ... ... | 2,55,810 | |
| Probable further expenditure to complete the works ... | 2,10,000 | |
| | | 4,65,810 |
| **Pipes, Special Castings, &c.** | | |
| Expenditure to end of June 1891 ... ... ... ... | 38,47,317 | |
| Probable further outlay to the completion of the works ... | 53,000 | |
| | | 39,00,317 |
| **Establishment.** | | |
| Expenditure to end of June 1891 ... ... ... ... | 4,18,457 | |
| Probable further expenditure to the completion of the work ... ... ... ... ... ... ... ... | 56,543 | |
| | | 4,75,000 |
| **Contingencies.** | | |
| Expenditure to end of June 1889 ... ... ... ... | 5,61,457 | |
| Probable further expenditure to the completion of the work ... ... ... ... ... ... ... ... | 73,543 | |
| | | 6,35,000 |
| **Land.** | | |
| Expenditure to end of June 1891 ... ... ... ... | 1,15,132 | |
| Payments to be made to Government on account of land for Lake ... ... ... ... ... ... ... ... | 52,498 | |
| Do. do. do. for Duct... ... | 17,410 | |
| Probable further expenditure ... ... ... ... ... | 1,00,000 | |
| | | 2,85,040 |
| Total...Rs. | ..... | 1,49,47,357 |
| **Provision made in Revised Estimate.** | | |
| Dam outlet works, &c. ... ... ... ... ... ... | 36,10,000 | |
| Duct works ... ... ... ... ... ... ... ... | 52,31,000 | |
| Works from Ghat-Kopar to Bombay ... ... ... ... | 5,20,000 | |
| Pipes, special castings, &c. ... ... ... ... ... | 40,00,000 | |
| Establishment ... ... ... ... ... ... ... ... | 4,75,000 | |
| Contingencies ... ... ... ... ... ... ... ... | 6,35,000 | |
| Land ... ... ... ... ... ... ... ... ... | 2,29,000 | |
| | | 1,47,00,000 |
| **Credits.** | | |
| Reclamation of Municipal Tank at Arthur Road ... ... | 26,532 | |
| Value of dead stock (half book value) ... ... ... ... | 18,000 | |
| Value of pipes, special castings, valves, &c., in hand ... | 1,00,000 | |
| | | 1,44,532 |
| Total rupees ... | ..... | 1,48,44,532 |
| Total probable excess including land ... | ..... | 1,02,825 |

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

Considered also the following:—

BOMBAY, *5th October* 1891.

DEAR MR. BARROW,

Here are a few of the questions to be put to Mr. Clerke, Executive Engineer, Tansa Works, in connection with his statement showing the total probable expenditure to the completion of the works.

*Duct Works.*

(1). What are the 'extras' included in the probable further payments for Rs. 1,50,000 to be made to the Contractors ?

(2). A sum of Rs. 2,12,282 is put down for extra rates for work done prior to November 1889. Why was not this sum included in the expenditure up to June 1891 on account of Duct works ?

*Credits.*

(3). In taking credits the value of dead stock is taken at half the book value, while in the case of pipes, special castings, it is taken at full book value. Why is this?

(4). Mr. Clerke says that claims have been made by the contractors for extra work, &c., but that as they are not tenable he has not included them in the estimate. But suppose the contractors threaten a law suit for these claims, unless they are settled, will the Municipal Commissioner or the Engineer have to ask for extra sanction for adjusting these claims?

These are some of the questions I should like to see answered by Mr. Clerke.—Yours truly, JAVERILAL U. YAJNIK.

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No. 7248 of 1890-91.

*Dated 5th October* 1891.

Copy forwarded to the Acting Commissioner for favour of the necessary information from Mr. Clerke, as per the discussion at the last meeting of the Standing Committee.

H. W. BARROW, Municipal Secretary.

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*Replies to questions put by the Honourable Mr. Javerilal U. Yajnik in his note, dated the 5th instant.*

1. The extras referred to include the following :—Shields on the abutment piers of the Bassein Creek Bridges which were found necessary to retain the profile of the embanked approaches and which were not provided in the original design. Re-making the public roads where they have been crossed by the pipe tracks and bridges built. Bringing material of a special quality by waggon and locomotive from a distance to make up the settlements in the embankments, to Bassein Creek Bridge. Carriage of spare pipes to the siphon lines.

2. The sum of Rs. 2,12,282 was not included in the expenditure up to June 1891, because it had not been paid. It is a liability which under the terms of the supplemental contract becomes due to the contractors in the event of their completing the work within contract time.

3. Dead stock includes tents, furniture, instruments, testing apparatus, &c., the present value of which would probably not be much in excess of half book value. The pipes, special castings, valves, &c., in hand, have in no way deteriorated. They have now, and will have for a long time to come, the value of new material at the rates which may at the time obtain. They were procured at very favourable rates and have, at present market rates, a higher value than what they cost.

4. Should the contractors be able to uphold the claims referred to, the Corporation would, no doubt, have to provide funds to meet them.

W. CLERKE, C.E.,
Executive Engineer, Tansa Works.

*6th October* 1891.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

"That letter No. 14108, dated 15th ultimo, from the Commissioner, forwarding a report from the Executive Engineer, Tansa Works, showing the probable financial results of the construction of the Tansa Water Works, be forwarded to the Corporation. No. 7278.

"That the Corporation be recommended to sanction (1) the payment of net probable excesses over the revised estimates, amounting to Rs. 1,50,000, (after allowing for credits for reclaimed land at Arthur Road, half value of dead-stock and value of pipes and special castings not used in the works amounting to Rs. 1,44,532), namely, Rs. 56,040, on account of compensation for land, Rs. 46,785 for screens, gearing, &c., in the outlet works, and for alterations in the parapet of the outlet ladder, and Rs. 48,000 for pay of establishment to be retained from the beginning of 1892-93 until the works are taken over by the Water Works Department in October 1892 ; and (2) the payment of the said excess of Rs. 1,50,000 from the premia received on the instalments already raised of the Tansa loan which amount to Rs. 2,56,406-1-0 after meeting all expenses incidental to the raising of such instalments.

"That the Commissioner be requested by the Corporation to submit proposals as to how and from what funds the credits, aggregating Rs. 1,44,532, are proposed to be realised on account of the Tansa Loan."

*Carried*, the votes being 5 *for* and 1 *against*.

Considered letter No. 14184, dated 16th September 1891, from the Commissioner to the Secretary on the subject of Water distribution in Bombay after the introduction of the Tansa supply :—

SIR,—I have the honour to forward a letter from the Executive Engineer on the subject of the water works loan proposed to be included in the next budget. I regret that my imminent departure, and the pressure of immediate duties, deprive me of the time necessary to discuss Mr. Walton's proposals at length, but they are the result of very careful consideration with myself, and his report is so clear and full, that I trust the absence of a long report from me will not prejudice the Standing Committee in considering it.—I have, &c., H. A. ACWORTH, Commissioner.

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No. 3774 OF 1891-92.

BOMBAY, 12*th September* 1891.

To H. A. ACWORTH, Esq., C.S.,
Municipal Commissioner.

SIR,—I have the honour to report on the subject of the distribution of the water-supply after the introduction of the Tansa supply and on the additional mains which are immediately required in connection therewith.

Proposed distribution of water after Tansa supply is introduced.

2. It is proposed to distribute the augmented supply as follows :

*A. Tulsi.*—The supply from Tulsi Lake will continue to pass as usual to the Malabar Hill Reservoir. From the reservoir it will be distributed to Malabar and Khambala Hills to Esplanade, Fort, North and South, and Colaba. This district has a population of about 100,000; and as the Tulsi supply is about 4½ millions of gallons daily, the average supply per head, if the whole supply be used, will be 45 gallons. The districts east and west of Girgam Road, which are now supplied with Tulsi Water, will be in future supplied with Tansa Water.

*B. Vehar through* 32″ *main.*—This supply will continue to be sent to Bhandarwada Reservoir, and from thence will be distributed to the districts of Mount Road, Matharpakadi, Mazagon, Dongri, Mandvi, the Docks and Frere Road. The population is about 130,000, the delivery of the 32″ main into Bhandarwada Reservoir is about 7 millions of gallons daily; and the supply per head would be 54 gallons if the whole quantity were consumed. It should be noted that pending the construction of another service reservoir the existing service reservoirs will be liable to be called upon to tide over, as well as possible, the intervals of reduced supply due to the failure of any of the mains within the Island; and so far as practicable it is therefore desirable that they should have a reserve capacity beyond that which they are regularly called upon for, in the supply of their own particular districts.

*C. Vehar* 24″ *main.*—This main will supply direct from the Lake to Kurla, Bandra, Sion, Dharavi, Mahim, (northern portion) and Sivri and part of Parel. The population is about

100,000. The discharge of the main will vary according as the draw off in the district increases or decreases the head. It is taken at 3 millions daily and the consumption per head per day will be for that quantity 30 gallons.

The two Vehar mains on this basis would therefore draw off 10 millions of gallons daily. The Vehar Lake (not supplemented by Pawai) is not equal to this draw off except in good rainfall seasons, and 9 millions is the most that should be counted upon, unless aided by some other supply which may be either Tansa, Tulsi or Pawai.

*D. Tansa.*—The Tansa supply will be distributed direct from the Tansa main to the whole of the City not appropriated under A, B, and C. This will be the greater part of the Native City, Kamathipura, Byculla, Chinchpokli, Warli and part of Parel. The population is about 500,000. The maximum supply 17 millions of gallons daily, and the possible consumption 34 gallons per head per day.

Arrangement for supply during periods of temporary stoppages from accident.

3. In the event of any one of the 4 supply mains failing, its district would be divided amongst the others and the storage in the reservoirs drawn upon until the repairs were effected, and to facilitate this there are now, or will be shortly, connections between (1) the Tulsi supply main at Mahalaxmi and the Tansa main ; (2) the Tulsi delivery main from Malabar Hill Reservoir and the Tansa main, both at the north (Chaopati) and south (Dhobi Talao) ends ; (3) the Vehar 24″ and the Tansa main ; (4) the Vehar 32″ and the Tansa main at Chinchpokli ; (5) the Bhandarwada Reservoir and the Tansa District at Babula Tank ; (6) the Vehar 24″ and 32″ at Kurla.

Proposal to constitute Vehar Lake the service reservoir for Tansa supply.

4. It will have been noted that the Tansa supply is distributed direct, and that there is at present no means of temporarily supplying its district except from the existing service reservoirs in the City, which only contain practically 36 hours' supply. On the 50 miles of Tansa duct there will certainly be breaks, which on account of the distances involved, the inaccessibility of the duct, the time required to shut off and empty and to recharge the siphons and conduit, will require much more than 2 days to make good. It is therefore proposed to constitute the Vehar Lake into the service reservoir for the Tansa supply,—a purpose for which, by its situation in fairly close proximity to Bombay ; its elevation, sufficient, on the one hand, to give a fairly satisfactory pressure in Bombay, and, on the other hand, commanded by the Tansa duct, the waters of which in time of surplus will flow into Vehar Lake ; and its ample capacity, one foot being equal to 20 days' supply from Tansa at 17 millions of gallons daily, it is admirably adapted. Provision has already been made for passing when required water from the Tansa duct into Vehar Lake. Provision is now required for supplying the Tansa main from Vehar Lake with 17 millions of gallons daily.

Objections to constituting Tulsi Lake the service reservoir for Tansa supply.

5. It has been suggested that the Tulsi Lake should be constituted the reserve.

The objections which appear to me to be fatal to this proposal are—(1) the supply to the Tansa duct would draw off 1 foot in depth in from 3 to 4 days; (2) the quantity so drawn off cannot be returned by gravitation; (3) the connection would be 10 miles farther from Bombay than the proposed connection with Vehar Lake.

Renewal required of defective 32″ Vehar main across Kurla Flats.

6. To better secure the regularity of the supply to the City it is necessary to renew a portion of the Vehar 32″ main which was laid in salt earth across the Kurla Flats, and which has for several years been in a critical condition; it is so far corroded that we dare not now close the sluices on the Bombay side, until those on the Vehar side have been closed. Any extra pressure brought on the main will cause a burst somewhere on this section.

New distribution mains required in the City.

7. Having got the water into the City we require several extensions of large mains to secure a regular and equitable supply to all places and elevations. The extensions immediately required are shown in red lines on the plan which accompanies this report. They are:—

For supply of Fort.

(*A*) A 24″ main from Chaopati along Queen's Road to the Frere Fountain Fort. This main is for the distribution of Tulsi water to all places south of and including Carnac Road, *i.e.*, Esplanade, Fort, (north and south), and Colaba. This main has been already sanctioned by the Corporation, and the tender for laying the pipes has been accepted and the work commenced. In the district supplied by this main, an 18″ main is proposed from Frere Fountain along Hornby Road to the Victoria Terminus. Along Hornby Road there is at present only an old 6″ reducing to 3″ pipe. Also 9″ mains in Forbes and Hamam Streets in completion of those recently laid and a 12″ main in Paltan Road in which there is no main at present.

For supply of Agripada, Kamathipura and Native City.

(*B*) A 32 inches main from the end of the Tansa 48″ main at Chinchpokli Station along Arthur, Ripon and Morland Roads and Kharshedji Sukhlaji Street to Grant Road, there joining the 32″ main. The existing 27″ main along Arthur Road from Chinchpokli Station will carry Tansa water to the Gowalia, Gamdevi, Chaopati, Girgam, Phanaswari and Dhobi Talao Districts. It will be noted on looking at the map, that there is not at present any other large main for the supply of the street service mains in the rapidly developing Agripada District, and the residents in Bellasis Road and Kamathipura know how deficient the pressure is in these localities. This new 32 inches main will also enable the Vehar 32″ main supply being given in the event of any break between Chinchpokli and Bhandarwada Reservoir.

For supply of Kalachowki Grorapdeo and Sivri.

(*C*) A 24 inches main from the junction of Kalachowki and Parel Roads along Kalachowki, Sivri, Jakeria Bander Road and new Golanji Hill Road. This rapidly increasing district—4 mills being already at work—is dependent on an old 3″ pipe and suffi-

cient water cannot be got for drinking purposes, the consumption by the mills for trade purposes being specially stipulated against. An 18 inches branch from this new 24 inches main along Ghorapdeo Road and Mount Road. Here also for the greater part there is only a 3" pipe and great scarcity existed during the last hot season, although the sluices were left open continually so as to give a constant supply. This branch will also enable water from Bhandarwada Reservoir to be supplied to the Sivri District in the event of any stoppage in the usual supply.

For supply of Warli and Mahim.

(*D*) A 48" main (or 2 of 32 inches diameter) from the Tansa 48" main along Elphinstone Road under both the railways to the Tulsi pipe line and thence southwards along the Tulsi pipe line a 32" inches main to Fergusson Road with an 18" main along Fergusson Road westward from the Tulsi pipe line to the junction with Haines Road and Warli Road. When the new road laid down in continuation of DeLisle Road is constructed, a 32" main will be required along it from the end of the 48" main at Elphinstone Road, but provision is not made for the cost of this main in the estimates which follow.

For supply of Market, Chakla and Dongri.

(*E*) An 18" main from the 21" main Girgam Road along Kolbhat Street, New Hanuman Lane, Jenjikar Street and Bhandari Street to Dongri Street with a 12" branch for Chakla Street south and 9" branch for Chakla Street and Nagdevi Street northwards. This is in completion of the 9" pipes laid recently in Kalbadevi, Sheik Memon Street and Samuel Street. The only other extension provided for is that along Tank Bandar Road, Mazagon in continuation of the 9" Coppersmith Street already laid.

Estimated cost of all cast iron.

8. The estimated cost of these mains is Rs. 9,31,190, if considered as a separate undertaking. The cost of a cast-iron 48" main similar to that of the Tansa main from Vehar Lake to Ghatkoper (the nearest point of junction) would be Rs. 8,26,600. And of a 32" cast-iron main to replace that along the Kurla Flats Rs. 1,84,800. The total cost for the three undertakings would be Rs. 19,42,590.

Steel proposed for supply mains.

9. But I think the time has come for making large savings on the present cost of supply mains by the substitution of steel for cast-iron. By the substitution of steel for cast-iron in the Vehar to Ghatkoper 48" pipe and the 32" pipe across Kurla flats, the estimate would be as follows:—

| | If of Cast-iron. | | Saving. |
|---|---|---|---|
| | Rs. | Rs. | Rs. |
| Mains in Bombay ..... | 9,31,190 | 9,31,190 | ..... |
| | | If of Steel. | |
| 48" main to Tansa duct..... | 8,26,600 | 5,64,670 | 2,61,930 |
| 32" main to Kurla Flats..... | 1,84,800 | 1,04,995 | 79,805 |
| | 19,42,590 | 16,00,855 | 3,41,735 |

Considered therefore as separate works there would be good grounds for resorting to steel in these two cases. There are, however, several reasons for considering the works together and for making the steel main of such a size as to carry the full supply both of the 48″ Tansa and the 32″ Vehar. The 32″ Vehar would then be removed and after being cleaned and tested used for the mains to be laid in Bombay in place of purchasing new pipes from England.

Scheme recommended.

10. The proposal recommended is therefore for a steel main from Vehar Lake to Kurla, commencing with a diameter of 60 inches and reducing by 3″ changes to 45 inches in 6 sections of about 5,700 feet in length each. When this main has been completed, to remove the 32″ main of a length of about 30,300 feet. Of this a portion, about 7,000 feet in length across the Kurla Flats, is worthless as pipe. The balance laid in sweet earth is, so far as experience indicates, in a reliable condition both externally and internally ; the metal is first rate quality and after being cleaned, retarred and tested, th[illegible] would efficiently serve to lay in Bombay. Under this arrang[illegible]ment, Revenue should transfer to Capital rupees one lakh, which would, under the preceding scheme, have to pay for renewing the 32″ main,—a charge which should not fall on Capital. The tc cost of this scheme is—

| | | | | |
|---|---|---|---|---|
| Mains in Bombay ... ... ... | Rs. | 9,31,190 | | |
| *Less*—Value of 32″ pipes to be received from Vehar Line ... | „ | 3,00,325 | | |
| | | | Rs. | 6,30,865 |
| Cost of Steel main ... ... ... | „ | ..... | „ | 9,41,300 |
| | | | Rs. | 15,72,165 |

or Rs. 28,240 less than the preceding estimate of Rs. 16,00,855.

Alternative Scheme.

11. The only alternative proposal which appears to requir[illegible] consideration, is to carry the steel main 60″ to 45″ to Ghatkoper only instead of Kurla; to renew the Kurla 32″ main with 32″ pipes received from the Vehar Lake section, where the steel main would be on the same line, and to utilize the balance of 32″ pipes only in Bombay. The scheme has the advantage of reduced present first cost as follows :—

| | Rs. |
|---|---|
| The Steel main 60″ to 45″ Vehar to Ghatkoper ... ... | 6,30,740 |
| Cost of mains in Bombay ... ... ... ... ... | 9,31,190 |
| Cost of laying 32″ main across Flats at Kurla — ... | 24,500 |
| | 15,86,430 |
| *Less*—Credit for balance of old 32″ pipes ... ... ... | 85.000 |
| | 15,01,430 |

being Rs. 71,185 less than for the preceding scheme. Of this, rupees one lakh, as before should be found by Revenue.

Advantages of the scheme recommended.

12. Against the advantage of reduced first cost, there are several disadvantages as compared with the scheme recommended. These are—(1) With the large steel main brought down to Kurla the risk of stoppage on the Tansa main would be reduced to the 6 miles of single line between Kurla and Chinchpokli, instead of nearly 9

miles between Ghatkoper and Chinchpokli ; (2) with the large steel main brought down to Kurla, the 32″ and 24″ could be fed with practically no loss of head at Kurla, as compared with Vehar Lake, so that if any thing did go wrong, on any section of the Tansa single line, more water by 2 or 3 millions of gallons daily, could be sent to Bombay through the two Vehar mains, than if the large main were taken to Ghatkoper, and at all times the discharging capacity of the 32″ main from Kurla, would be materially increased only 2·75 feet of head being required to pass 8 millions of gallons daily, through the steel main from Vehar to Kurla. The head per mile for discharging into Bhandarwada, would therefore be increased from 5 feet to 9 feet, and the discharge would be increased by $\frac{1}{3}$.

Prospective requirements.

13. These considerations are very important in view of saving outlay afterwards. Leaving out of consideration, for the present, the Pawai supply, we have a safe 9 millions per day from Vehar, and 4½ from Tulsi ; total 13½ millions of gallons daily. But we are, with our insufficient supply, over-drawing Vehar to the extent of about 3 millions of gallons daily. The addition of 17 millions of gallons daily from Tansa will increase the safe supply from 13½ millions to 30½ millions, and the actual supply from 16½ to 30½ millions, or 14 millions of gallons daily. It is believed that 10 millions additional, or a total of say 26 millions of gallons daily, will be required to keep the City on full constant supply during next hot weather. And as the normal annual increased demand, has been at the rate ¾ of a million gallons per day, we shall, at the end of 6 years have only just sufficient water to meet the demand in the hot season. The Vehar mains have however now a discharging capacity of, at high pressure supply in Bombay, 1 million of gallons, and at low pressure supply in Bombay, 3 millions of gallons, greater than the safe yielding capacity of Vehar ; and this will then be again resorted to, to meet the increased demand in the hot weather, leaving it to the Tansa duct to replenish Vehar during the monsoon months when the demand would be reduced. By means of the proposed steel main to Kurla, this discharge could be continued at high pressure up to 3 millions of gallons per day extra from Vehar. By this means 4 or 5 hot seasons may be tided over, but as the demand gradually increases, the Tansa main will have less and less surplus water to send into Vehar Lake, and an additional supply will be required. This to the extent of 4½ millions of gallons daily may be obtained from the Pawai works, and to bring this extra quantity into Bombay, it will only be necessary to lay about six miles of the Tansa 2nd main from Kurla into Bombay, instead of 9 if the steel main is now ended at Ghatkoper. It may be thought that the increased demand here foreshadowed, is exaggerated, but if it be, it stands alone in water works experience, and I do not think we should be justified in proceeding on any other assumption, and if by a very moderate expenditure, we not only secure substantial present advantage, but obviate the expenditure of 5 lakhs of rupees, which would otherwise be required within a few years. I think we should adopt the larger scheme recommended.

On the use of steel pipes.

14. Besides the advantage of greatly reduced first cost of steel over cast-iron pipes of equal strength and the impracticability of having cast-iron pipes economically greater than 48 inches in diameter, steel has, admittedly, a much better record for reliability, and would not burst so frequently as cast iron. The only objection which requires dealing with is, corrosion. A corrosion of $\frac{1}{4}$ inch in a cast-iron pipe $1\frac{1}{8}$" thick is not of absolutely vital importance, but would eat entirely through the steel main which will be $\frac{1}{4}$" thick. Great care is taken with the coating of steel pipes on this account either by galvanizing or coating them with asphaltum, or both, inside and outside. The condition of the *interior* of the Vehar 32" main after 30 years' use, shows that with reasonable supervision, no fears need be entertained of the want of durability of steel pipes caused by the action of the water. The mains above proposed will, like the Tansa main, be laid above ground, and therefore only exposed to the action of the air and rain. Being entirely exposed, the coating will be always easily renewable whenever signs of corrosion may appear. Perhaps a more conclusive answer to the objection, is that similar wrought-iron mains, of even thinner metal have been in use for the water-supply of San Francisco for 25 years, and are in good condition to-day. That their use in America both in hot and cold places is increasing; that they have been adopted on a large scale in the new works for Sydney and Melbourne, Australia, and that they are recommended for the proposed new gravitation supply for Birmingham. The jointing of steel mains is cheaper than that of cast-iron mains of similar size, because the steel pipes are 20 feet in length against 12 feet for the cast-iron pipes. Such pipes are working of varying sizes and at varying pressures, up to over 500 lbs. per square inch (1,200 feet) and no apprehension need be felt on that head.

Basis of estimates.

15. The rates adopted in the estimates are based upon present quotations; it is believed that the allowance for freight is ample, and that the rate of exchange adopted is also lower than is likely to be experienced, but adverse changes in these items would affect cast-iron pipes even more unfavourably, on account of their increased weight and cost. The rates for laying are of course calculated only, but the total is a comparatively small item. It is believed, therefore, that comparatively, the different summaries are approximately correct, and that any of the schemes would be carried out for somewhat less than the respective total entered against them.

Time required for works.

16. I need not point out that the laying of these mains will occupy *at least* two working seasons, and that until they are completed the supply of water will, although vastly improved, not be so reliable and equitable as is desirable, and I would urge that the scheme may receive very early consideration.—I have, &c.

RIENZI WALTON, M. Inst. C. E.,
Executive Engineer.

## Table No. 1.

*Showing the approximate Cost of providing and laying cast-iron Water Pipes of different diameter.*

| Diameter of pipes. | Cost of laying per l. ft. | Cost of road repairs per l. ft. | Particulars of Pipe. | | | Cost at Rs. 100 per ton *plus* 15 per cent. per l. ft. | Total cost per l. ft. | Taken for purposes of estimate per l. ft. |
|---|---|---|---|---|---|---|---|---|
| | | | Length. | Thickness. | Wight. t. cwt. qrs. lbs. | | | |
| Inches. | Rs. a. p. | Rs. a. p. | | | | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 48″ | 4 0 0 | 0 12 0 | 12′ | 1⅛″ | 3 6 0 0 | 31 8 0 | 36 4 0 | 36 0 0 |
| 32″ | 3 0 0 | 0 9 0 | 12′ | 1⅛″ | 2 3 1 8 | 20 11 0 | 24 4 0 | 24 0 0 |
| 24″ | 1 8 0 | 0 8 0 | 12′ | 1″ | 1 7 0 0 | 13 8 0 | 15 8 0 | 15 8 0 |
| 18″ | 1 0 0 | 0 7 0 | 12′ | ¾″ | 0 16 0 0 | 7 9 0 | 9 0 0 | 9 0 0 |
| 12″ | 0 14 0 | 0 5 0 | 12′ | ⅝″ | 0 8 3 0 | 4 2 0 | 5 5 0 | 5 8 0 |
| 9″ | 0 12 0 | 0 5 0 | 9′ | $\frac{9}{16}$″ | 0 4 2 0 | 2 15 0 | 4 0 0 | 4 0 0 |
| 6″ | 0 8 0 | 0 4 0 | 9′ | $\frac{7}{16}$″ | 0 2 2 0 | 1 10 0 | 2 6 0 | 2 8 0 |
| 4″ | 0 6 0 | 0 4 0 | 9′ | ⅜″ | 0 1 1 20 | 1 0 0 | 1 10 0 | 1 12 0 |
| 3″ | 0 4 0 | 0 4 0 | 9′ | ⅜″ | 0 1 0 10 | 0 12 0 | 1 4 0 | 1 4 0 |

## Table No. 2.

*Estimates for Mains within the Island of Bombay.*

SUMMARY.

| Diameter of Pipe. | Total length in feet. | Rate per l. ft. | Total. |
|---|---|---|---|
| | | | Rs. |
| 48″ | 2,560 | 36 *plus* Rs. 10,000 for culverts. | 1,02,160 |
| 32″ | 14 650 | 24 0 0 | 3,51,600 |
| 24″ | 8,200 | 15 8 0 | 1,27.100 |
| 18″ | 19,200 | 9 0 0 | 1.72,800 |
| 12″ | 2,050 | 5 8 0 | 11,275 |
| 9″ | 6,000 | 4 0 0 | 24,000 |
| | | | 7,88,935 |
| 10 per cent. for Contingencies & Establishment. | ..... | ..... | 78,895 |
| | | | 8,67,830 |
| Queen's Road 24″ already sanctioned ... ... | 12,900 | | 63,360 |
| | 65,560 or 12½ miles | | 9,31,190 |
| Value of pipes only for 32″ | 14,650 | 20·5 | 3,00,325 |

## Table No. 2—(*continued*).

*Estimates for mains within the Island of Bombay.*

DETAILS.

| | Diameter of Pipe. | Total length in feet. | Rate per l. ft. | Total. |
|---|---|---|---|---|
| | From Dadar Road 48" Tansa main along Elphinstone Road under both railways ... ... ... | 2,560 | Rs. 36 | Rs. 92,160 |
| | Allow for culverts under railways ... | ..... | ..... | 10,000 |
| | | | | 1,02,160 |
| | Same line of Steel at 140 lbs. per foot running, £22 per ton exchanged at 1s. 4d. ... ... ... ... | 2,560 | feet. lbs. £ 2,560 × 140 × 22 2,240 | £3,520 or Rs. 52,800 |
| | Allow 10 per cent. Contingencies and Establishment ... ... ... | ..... | ..... | 5,280 |
| | Laying ... ... ... ... ... | ..... | 2,560 × 5·5 | 14,080 |
| | Culvert ... ... ... ... ... | ..... | ..... | 10,000 |
| | | | | 82,160 |
| 32" | From Chinchpokli Station along Arthur Road, Ripon Road, Morland Road, Bellasis Road, and Kharseeji Sukhlaji Street to Grant Road 32" main ... ... ... | 10,800 | 24 | 2,59,200 |
| | Along Tulsi pipe line from Elphinstone Road to Fergusson Road ... | 3,850 | 24 | 92,400 |
| | Total feet ... | 14,650 | Rs. | 3,51,600 |
| 24" | From Parel Road along Kalachowki Road, Golanji Hill Road to Sivri Cemetery Road ... Total feet... | 8,200 | 15·5 | 1,27,100 |
| 18" | From Girgam Road along Kolbhat Street to Kalbadevi... ... .. | 800 | 9 | 7,200 |
| | From Kalbadevi along New Hanuman Street to Abdul Rehman Street ... | 1,850 | 9 | 16,650 |
| | From Abdul Rehman Street along Junjiker Street and Bhandari Street to Dongri Street ... ... ... | 1,650 | 9 | 14,850 |
| | Total feet ... | 4,300 | Rs. | 38,700 |
| | Hornby Road from Frere Fountain to Bori Bunder ... ... ... | 2,800 | 9 | 25,200 |
| | From Kalachowki Road along Ghorapdeo Road and Mount Road to Bhandarwada Reservoir ... ... | 8,600 | 9 | 77,400 |
| | Fergusson Road from Tulsi pipe line to junction of Haines and Warli Roads ... ... ... ... | 3,500 | 9 | 31,500 |
| | Total feet. ... | 19,200 | Rs. | 1,72,800 |

**Table No. 2**—(*continued*).

| | Diameter of Pipe. | Total length in feet. | Rate per 1. ft. | Total. |
|---|---|---|---|---|
| | | | Rs. | Rs. |
| 12" | From Hornby Road along Paltan Road to Carnac Road ... ... | 1,600 | 5·5 | 8,800 |
| | From Carnac Road along Chakla Street to Junjikar Street ... ... | 450 | 5·5 | 2,475 |
| | Total feet .. | 2,050 | Rs. | 11,275 |
| 9" | Nagdevi Street from Junjikar Street to Musjid Bridge Road ... ... | 1,200 | 4 | 4,800 |
| | Chakla Street from Junjikar Street to Musjid Bridge Road ... ... | 1,200 | 4 | 4,800 |
| | Forbes Street from Rampart Row to Apollo Street ... ... ... | 1,000 | 4 | 4,000 |
| | Hamam Street from Apollo Street to Medows Street ... ... ... | 600 | 4 | 2,400 |
| | Tank Bunder Road (part of) from Coppersmith Road, Mazagon ... | 2,000 | 4 | 8,000 |
| | Total feet ... | 6,000 | Rs. | 24,000 |

## Table No. 3.

*Estimates for Mains outside of the Island of Bombay.*

| Distances between different places in Locality. | Length. |
|---|---|
| | Feet. |
| From Sluice House at end of Vehar Tunnel to junction of proposed line to Tansa duct at Saki ... ... ... ... ... ... | 15,500 |
| From Saki to Tansa pipe line near Ghatkoper ... ... ... | 7,200 |
| From Saki to Tansa pipe line at Kurla ... ... ... ... | 18,800 |
| Tansa pipe line Ghatkoper to Kurla ... ... ... ... ... | 14,000 |
| From Saki to Kurla at G. I. P. Ry. 32" pipe line ... ... ... | 14,800 |
| From Thana Road to Kurla at G. I. P. Ry. on 32" pipe line ... | 7,300 |

*Estimate of cost of 48" cast-iron Main from Vehar to Tansa Pipe Line at Ghatkoper.*

| Description. | Length. | Rate per l. ft. | Total. |
|---|---|---|---|
| *Approximate Estimate by Mr. Clerke of the cost, if the work were being done now.* | | | Rs. |
| Land, 10 acres, at Rs. 200 per acre ... | ..... | ..... | 2,000 |
| Earth-work on pipe track ... ... | ..... | ..... | 15,000 |
| Masonry work on pipe track ... | ..... | ..... | 15,000 |
| 48" pipe, carrying, laying and jointing.. | 22,700 l. ft. | Rs. 2 8 0 | 56,750 |
| | | | 88,750 |
| Establishment and Contingencies 20 per cent.... ... ... ... ... | ..... | ..... | 17,750 |
| | | | 1,06,500 |
| 630 tons pipes ... ... ... ... | ..... | Rs. 85 per ton | 5,35,500 |
| | | | 6,42,000 |
| The Estimate adopted in Report is— | | | |
| Land, earth-work and masonry as above ... ... ... ... ... | ..... | ..... | 32,000 |
| 48" pipe, carrying, laying and jointing ... ... ... ... | 22,700 l. ft. | Rs. 3 8 0 actual rate paid at Pawai. | 79,450 |
| | | | 1,11,450 |
| 6,400 tons pipe ... ... ... ... | ..... | Rs. 100 per ton | 6,40,000 |
| | | | 7,51,450 |
| NOTE.—Including specials and rate to allow for changes in price which may occur before pipes are ordered. | | | |
| Contingencies and Establishment 10 per cent. ... ... ... ... | ..... | ..... | 75,150 |
| | | | 8,26,600 |
| Cost of renewing 32" main across Kurla Flats if carried out as an independent work with new pipes, no credit taken for old metal ... ... ... | 7,000 | Rs. 24 0 0 | 1,68,000 |
| 10 per cent. Contingencies and Establishment ... ... ... ... | ..... | ..... | 16,800 |
| | | | 1,84,800 |
| If old pipes used after removal from other portion of Vehar Line and taken at 25 per cent. depreciation, the cost would be— | | | |
| Pipes weighing 35½ cwts. per 12 feet... ... ... ... ... | 7,000 ft. | Rs. 75 per ton | 73,279 |
| Laying do. ... ... ... | 7,000 | „ 3 8 0 | 24,500 |
| | | | 97,779 |
| 10 per cent. Contingencies and Establishment ... ... ... | ..... | ..... | 9,771 |
| | | | 1,07,550 |

| Description. | Length. | Rate per I. ft. | Total. |
|---|---|---|---|
| | | Rs. a. p. | Rs. |
| If steel pipes used ·176″ in thickness weighing 68·7 lbs. per foot in length. Total weight 215 tons at £22 per ton, £4,730 at 1*s.* 4*d.* the rupee ... | 7,000 | ..... | 70,950 |
| Laying ... ... ... ... ... | 7,000 | 3 8 0 | 24,500 |
| | | | 95,450 |
| 10 per cent. Contingencies and Establishment... ... ... ... ... | ..... | ..... | 9,545 |
| | | | 1,04,995 |
| Estimate of value of old 32″ pipes between Vehar and Kurla at G. I. P. Railway ... ... ... ... ... | 30,300 | | |
| Each pipe weighs 33·5 cwts. and is 12 feet in length. The total weight is therefore ... ... ... ... | 4,230 tons | Rs. 75 per ton | 3,17,250 |

NOTE.—The value is taken at Rs. 3,00,325 in the Summary of Estimate in the Report this being the estimated cost of the 14,650 feet of new 32″ pipes proposed to be laid.

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*Weight and Cost of Steel Pipe from Vehar to Kurla.*

| Diameter. | Thickness. | Length. | Weight per foot. | Total weight. | Price per ton. | Total Cost. |
|---|---|---|---|---|---|---|
| Inches. | Inches. | Feet. | Lbs. | Tons. | | |
| 60 | ¼ | 5,720 | 180 | 460 | | |
| 57 | ,, | 5,720 | 170 | 434 | £22 including freight (a) £2 per ton. | |
| 54 | ,, | 5,720 | 160 | 409 | | |
| 51 | ,, | 5,720 | 151 | 386 | | |
| 48 | ,, | 5,720 | 140 | 357 | | |
| 45 | ,, | 5,720 | 132·5 | 339 | | |
| | | 34,320 | | 2,385 | | £52,470 |
| | | | | | £1=15 Rs. | 7,87,050 |
| | | | | 10 per cent. Contingencies and Establishment | | 78,750 |
| | | | | | | 8,65,800 |
| Conveying to site and laying 34,320 at Rs. 2 ... | | | | | 68,640 | |
| 10 per cent. Contingencies and Establishment ... | | | | | 6,860 | |
| | | | | | 75,500 | 75,500 |
| | | | | | Total Rupees | 9,41,300 |

*Weight and Cost of Steel Pipe from Vehar to the Tansa Line at Ghatkoper.*

| Diameter | Thickness. | Length. | Weight per foot. | Total weight. | Price per Ton. | Total Cost. |
|---|---|---|---|---|---|---|
| Inches. | Inches. | Feet. | Lbs. | Tons. | | |
| 60″ | ¼″ | 3,833 | 180 | 308 | | |
| 57″ | ,, | 3,833 | 170 | 291 | | |
| 54″ | ,, | 3,833 | 160 | 274 | £22, including freight. | |
| 51″ | ,, | 3,833 | 151 | 259 | | |
| 48″ | ,, | 3,833 | 140 | 240 | | |
| 45″ | ,, | 3,833 | 132·5 | 227 | | |
| | | | | | | £ 35,200 |
| | | 22,998 | | 1,500, say | £1=15 Rs. | Rs. 5,28,000 |
| | | Approximate length is 22,700 ft. | | 1,600 | 10 per cent. | ,, 52,800 |
| | | | | | | 5,30,800 |
| Conveying to site and laying 22,700 at Rs. 2 ... ... ... | | | | | | 45,400 |
| Contingencies and Establishment 10 per cent. ... ... ... | | | | | | 4,540 |
| | | | | | Total Rupees | 6,30,740 |
| If of 48″ throughout— | | | | | | |
| 48″ | ¼″ | 22,700 | 140 | 1,418 | £22 | £31,196 |
| | | | | | At Rs. 15 per £1... | Rs. 4,67,340 |
| | | | | | 10 per cent. Contingencies and Establishment... | ,, 46,730 |
| | | | | | | Rs. 5,14,070 |
| Laying as above ... ... ... ... ... ... | | | | | | ,, 49,940 |
| | | | | | Rs..... | 5,64,010 |

## Table No. 4.

*Comparative Areas of pipes of different diameters.*

| Diameter in Inches. | Area in square inches. | Relative area to next size smaller. | Relative area to 3″ pipe. |
|---|---|---|---|
| 3″ | 7·07 | 1 | 1 |
| 4″ | 12·57 | 1·77 | 1·78 |
| 6″ | 28·27 | 2·25 | 4·00 |
| 9″ | 63·62 | 2·25 | 9·00 |
| 12″ | 113·09 | 1·78 | 16·00 |
| 18″ | 254·46 | 2·25 | 35·99 |
| 24″ | 452·39 | 1·78 | 63·99 |
| 27″ | 572·56 | 1·27 | 80·98 |
| 32″ | 804·24 | 1·40 | 113·75 |
| 45″ | 1590·40 | 1·98 | 224·95 |
| 48″ | 1809·60 | 1·14 | 255·94 |
| 51″ | 2042·80 | 1·13 | 288·94 |
| 54″ | 2290·20 | 1·12 | 323·93 |
| 57″ | 2551·70 | 1·11 | 360·92 |
| 60″ | 2827·40 | 1·11 | 400·00 |

## Table No. 5.

*Head required for discharge of 24 millions of gallons daily through the proposed Steel main from Vehar to Kurla (G. I. P. Railway) calculated from Beardmore's Tables.*

| Diameter of pipe in Inches. | Head required feet; length 5,720 feet of each section. | |
|---|---|---|
| 60″ | 2·35 | |
| 57″ | 3·04 | |
| 54″ | 4·00 | |
| 51″ | 5·31 | |
| 48″ | 7·19 | |
| 45″ | 2·99 | (1,720 feet long) |
| Total Head required ... | 24·88 | Total length 30,300 feet. |
| 17 millions through main from Kurla G. I. P. Railway to Tansa 48″ main. | 3·19 | length 4,000 |

## Table No. 6.

*Head required for discharge of 8 millions of gallons daily through the proposed Steel main from Vehar to Kurla (G. I. P. Railway) calculated from Beardmore's Table.*

| Diameter of pipe in Inches. | Length feet. | Head required in feet; length 5,720 feet. |
|---|---|---|
| | | Ft. |
| 60″ ... ... ... ... ... ... ... | 5,720 | ·26 |
| 57″ ... ... ... ... ... ... ... | 5,720 | ·33 |
| 54″ ... ... ... ... ... ... ... | 5,720 | ·44 |
| 51″ ... ... ... ... ... ... ... | 5,720 | ·59 |
| 48″ ... ... ... ... ... ... ... | 5,720 | ·80 |
| 45″ ... ... ... ... ... ... ... | 1,700 | ·33 |
| Total length ... | 30,300 | 2·75 head. |

## Table No. 7.

*Head required for discharge of 24 millions of gallons daily through Steel main between Vehar and Saki.*

| Diameter of pipe in Inches. | Length feet. | Head required feet. |
|---|---|---|
| 60″ ... ... ... ... ... ... ... | 3,833 | 1·58 |
| 57″ ... ... ... ... ... ... ... | 3,833 | 2·04 |
| 54″ ... ... ... ... ... ... ... | 3,833 | 2·68 |
| 51″ ... ... ... ... ... ... ... | 3,833 | 3·56 |
| | 15,332 | 9·86 |
| | Saki to Ghatkoper. | For 17 millions of gallons. |
| 48″ ... ... ... ... ... ... ... | 3,833 | 2 42 |
| 45″ ... ... ... ... ... ... ... | 3,833 | 3·05 |
| | 7,666 | 5·47 |
| Total ... | 22,998 length | 15·33 head |

Proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by Cowasjee Hormusjee, Esq.—

"That the consideration of letter No. 14184, dated 16th September 1891, from the Commissioner, forwarding report from the Executive Engineer on the subject of the distribution of the water supply after the introduction of the Tansa water into Bombay, be postponed until after the water has been introduced into the City. But that in the meantime the Commissioner be asked to report to the Committee any specially urgent cases that are embraced within the general scheme."

No. 7279.

*Amendment*, proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram—

"That letter No. 14184, dated 16th September 1891, from the Commissioner, forwarding report from the Executive Engineer on the subject of the distribution of the water supply after the Tansa supply has been introduced into Bombay, be forwarded to the Corporation, with the intimation that the Standing Committee does not at present recommend the whole of this scheme, but that it has asked the Acting Commissioner to report on any specially urgent works that may be embraced within the general scheme."

On a division, the amendment was *lost*, the votes being 5 *for* and 6 *against*.

The original motion was *carried*, the votes being 6 *for* and 4 *against*.

Colonel Merewether requested that his protest against the papers not being sent to the Corporation might be recorded, but it appearing that there was no precedent for such a record the request was not complied with.

*Resolved*: "That the following be forwarded to the Acting Commissioner for favour of remarks:—Letter, dated 30th ultimo, from Mr. Bhojabhoy Allarukhia, requesting, for the reasons stated, to be allowed an increase in his contract rate for the supply of hay to the Municipality and for a variation in the quantities of hay per bullock."

No. 7280.

In accordance with notice, it was proposed by Accacio G. Viegas, Esq.—

"That it is desirable that copies of the agenda paper of the meetings of the Standing Committee should be distri-

buted to the members at least the morning of the day before the time appointed for the meeting."

*Not seconded.*

No. 7282. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15044, dated 29th ultimo, the Committee approves of an order in writing being issued, under section 230 of the Act, to Mr. J. J. Almeida, authorising him to carry a drain for his premises in Matharpakhadi Road, into, through or under the land belonging to, or alleged to belong, to Mr. Baburao Bhasker, to the Municipal sewer thereat as shown on the plan accompanying the said memorandum."

No. 7283. *Resolved* : "That, in reply to their letter, dated 30th ultimo, Messrs. L. F. D'Souza, P. Crasto and others, be informed that the Committee has sanctioned an order in writing being issued to Mr. J. J. F. Almeida, authorising him to carry a drain for his premises situated at Matharpakhadi Road to the Municipal sewer thereat."

No. 7284. *Resolved* : "That the following be *recorded*:—Memorandum No. 15016, dated 29th ultimo, from the Acting Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan Deposit Account No. 2 to the Municipal General Fund Pass Book, on the 23rd idem."

No. 7285. *Resolved* : "That the following be laid on the table :—Letter, dated 1st instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statements of receipts and disbursements at the end of each week for the month of August last and compared them with the ledgers and journals, and found them correct. Forwarding Summary and Statement of their scrutiny of accounts."

The consideration of letter No. 14966, dated 28th ultimo, from the Acting Commissioner, reporting on the petition from the residents of Duker Gully, was postponed till next week.

No. 7287. *Resolved* : "That, as applied for by the Acting Commissioner, in his letter No. 15714, dated this day, sanction be given to the payment to Mr. Acworth's agents in Bombay, of the salary due to him while on privilege leave on the agent's executing an

indemnity bond to refund over-payments if any, in lieu of the production of a life-certificate as per Article 938 of the Civil Service Regulation."

The following statement* was laid on the table:—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 4th October 1891.

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BOMBAY, 14*th October* 1891.

AT the meeting of the Standing Committee held this day, there were present :

COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq ; ACCACIO G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

SURGEON-MAJOR T. S. WEIR, Acting Commissioner; and the SECRETARY.

On the motion of Hurkisondas Nurrotumdas, Esq., seconded by Colonel Wilson, Colonel Merewether was voted to the chair.

The minutes of the meeting held on the 7th instant, were signed.

No. 7398. The seal of the Corporation was affixed (1) to deed of agreement (in duplicate) between Haji Jusub Haji Abba and the Corporation, securing to the Corporation the right to acquire at a future date the set-back of property situated at No. 80-82, Naran Dhuru Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed or of any further work which may hereafter be added to the said building, and in the event of any portion of the land shown upon the said plan being required, the same to be given to the Corporation at the rate of Rs. 15 per square yard; (2) ditto between Mr. Keshowlal Ranchordas Choksi and the Corporation, for securing the right to acquire at a future date the set-back of house No. 7, in Kumbhar Lane, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed or of any further work which may be added to the building and in the event of the land shown in red being required, the same to be given to the Corporation free of charges ; (3) ditto between Mr. Khimji Luckmidass and the Corporation, for securing the right to acquire

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* *See* Appendix C.

at a future date the set-back of house No. 51-53, Manordas Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, and in the event of the land being required, the same to be given to the Corporation at the rate of Rs. 25 per square yard.

The question of sealing deed of contract with the Indian Patent Stone Company, for the work of paving foot-paths, was postponed till the return of Mr. Acworth from leave.

No. 7399. *Resolved* : "That, as applied for by the Acting Commissioner, in his memoranda No. 15665, dated 6th instant, and No. 15922, dated 9th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Parsu Ghatee... ... ... | Building at Ghorupdeo Road. |
| ,, Goolam Hoosein Soomar Vira. | Do. at Gowalia Tank Road." |

No. 7400. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 16127, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

In accordance with notice, it was proposed by K. M. Shroff, Esq.—

No. 7401. "That the Standing Committee disapprove of the proposed construction of a public urinal in the great open space in the front of the Victoria Terminus and the new Municipal Office, and request the Acting Municipal Commissioner to select some other less conspicuous spot in the neighbourhood for the purpose, and bring the matter once more before the Standing Committee for their information."

The motion was seconded by Cowasjee Hormusjee, Esq.

*Amendment*, moved by Colonel Wilson, seconded by the Hon'ble Mr. Fazulbhoy Visram—

"That when it is settled where the urinal near the Victoria Terminus is to be erected, information to that effect be given to the Standing Committee."

On a division, the amendment was *lost*, the votes being 4 *for* and 6 *against*.

The original motion was *carried*, the votes being 6 *for* (*against* none).

No. 7402. *Resolved* : "That, as applied for by the Acting Commissioner, in his letter No. 15983, dated 9th instant, and in consequence of the Health department

being 100 pairs of bullocks short of the authorised strength, and on account of many bullocks of the department suffering from foot and mouth disease, the Corporation be recommended to sanction the hiring, for a period of two months, of fifty carts with bullocks and drivers, from Mr. Sorabjee N. Moosa, carting contractor, at a cost of Rs. 3,584-6-0, the amount to be met out of the grant for feed of bullocks, section II, labour, A, scavengering."

No. 7403. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15952, dated 9th instant, and in lieu of the resolution of the Town Council, No. 792, dated 8th September 1886, sanctioning payment to Mr. Babasaheb bin Gulam Hussen, at the rate of Rs. 30 per square yard, for the 7·69 yards of land acquired for the improvement of Kazi Syed Street, sanction be now given to the payment of such money to Messrs. Haji Ahmed bin Mahomed Syed Pathan, Sheik Mahomed bin Kazi Abdulla Patel, Mahomed Hussein bin Dadu Aliji Patel, and Ahmed Saheb bin Kazi Abdulla Patel."

No. 7404. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15927, dated 9th instant, and in lieu of the resolution of the Town Council, No. 1906, dated 16th March 1887, sanctioning payment to Mr. Kessowji Poonja, at the rate of Rs. 10 per square yard, for the 42·32 yards of land acquired for street improvement at Nos. 34, 37, New Bangalpura Street, sanction be now given to the payment of such money to Bai Mithabai, widow of Mr. Kessowji Poonja."

No. 7405. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15921, dated 9th instant, the Corporation be recommended to sanction the writing off, from the live stock return of the Health Department, of Rs. 1,953, being the book value of 31 bullocks that died during the quarter ending 31st August 1891."

No. 7406. *Resolved* : "That, as applied for by the Acting Commissioner, in his letter No. 15732, dated 7th instant, sanction be given, under section 92 (*b*) of the Municipal Act, to the sale of the building materials of house, lately taken up for street improvement, No. 3151, Old Nagpada, Telly Gully, to Mr. Jaitha Purshotum, at Rs. 660-0-0."

No. 7407. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 15652, dated 6th instant, sanction be given to a suit

being filed in the Court of Small Causes, against Mr. Khimji Luckmidas for the recovery of Rs. 280-6-0, being the law charges and the cost of registering agreement in respect of the set-back of his property situate at Nos. 51-53, Manordas Street, which charges he undertook to pay."

No. 7408. *Resolved* : "That, under the circumstances reported by the Acting Commissioner, in his letter No. 15630, dated 6th instant, and in lieu of the sanction accorded in the Committee's Resolution No. 6982, dated 23rd ultimo, sanction be now given to the filing of a suit in the local court having jurisdiction, against Messrs. Salvador Miranda and John Miranda for trespass or ejectment with a claim for mesne profits in respect of the cultivation by them of Municipal ground situated at Shahar between Golibar and Marole, Salsette. That, if possible, the proceedings be conducted by the agency of a vakeel practising in such Court."

In accordance with notice, it was proposed by K. M. Shroff, Esq.—

No. 7409. "That the Acting Municipal Commissioner be requested to furnish a report on the alleged deficiency of about 420 tons of coal, between February and August last, in connection with the Love Grove Pumping Station, mentioning particularly, among other things, the daily average consumption of coal as entered in the log reports at the station during the above mentioned period of six months ; and that all the correspondence that has passed between the Executive Engineer and the Superintendent of the Workshops on the subject, be placed on the table.

"2. That the Acting Municipal Commissioner be requested to furnish at the same time a description of the system under which coal is delivered at the Love Grove Pumping Station and at the Workshops, and the manner in which the accounts are kept and the audit is made."

The motion was seconded by A. G. Viegas, Esq., and *carried*.

The further consideration of petition, dated 24th July 1891, from residents of Duker Gully was postponed until the Acting Commissioner has informed the Committee who is responsible for the repair of the road-way in the gully.

No. 7411. *Resolved* : "That, with reference to petition, dated 15th April 1891, from Mr. Gopaldas Rowji, complaining of urinal adjacent to his house in Khoja Street, Null Bazaar, the Corporation be recom-

mended to inform the applicant that, as soon as the new urinal, which it is proposed to erect in the same locality, is ready for use, the one complained of can be dispensed with and removed."

*Resolved*: "That the following be circulated and brought on for consideration at the next meeting:—Letter No. 15966, dated 9th instant, from the Acting Commissioner, reporting on the petition from Saraswatibai, wife of Mr. Gunpatrao Pandoorang, on the subject of the rebuilding of her house situated at Cavel (Gaiwady)."

*Resolved*: "That the following be *recorded*:—

No. 7413. Memorandum No. 15863, dated 8th instant, from the Acting Commissioner, forwarding analyses of water as under:—

*Sample of filtered Tulsi Water obtained from the distributing basin of the Malabar Hill Reservoir on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... | ·025 |
| Albuminoid Ammonia ... ... ... | ·14 |
| | Grs. per gallon. |
| Chlorine ... ... ... ... | ·85 |

*Sample of filtered Vehar Water obtained from distributing basin, Bhandarwada Hill Reservoir, on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·01 |
| Albuminoid Ammonia ... ... ... | ·12 |
| | Grs. per gallon. |
| Chlorine ... ... ... ... ... | ·85 |

*Sample of unfiltered Vehar Water obtained from the tap near the Vehar Filter on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·01 |
| Albuminoid Ammonia ... ... ... | ·18 |
| | Grs. per gallon. |
| Chlorine... ... ... ... ... | ·9 |

*Sample of unfiltered Pawai Water obtained from the Pawai Lake on the 1st instant.*

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·025 |
| Albuminoid Ammonia ... ... ... | ·20 |
| | Grs. per gallon. |
| Chlorine ... ... ... ... ... | ·9 |

*Resolved*: "That the following be forwarded to the

No. 7414. Acting Commissioner for favour of report:—Resolution of the Corporation, No. 7369, dated 8th instant, on the subject of the proposed overbridge across Falkland Road."

The following return was read and *recorded*:—

Return of fires at Babula Tank Road and Elphinstone Road (Mahim), forwarded with the Commissioner's memorandum No. 15666, dated 6th October 1891.*

* See Appendix E.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 11th October 1891.

No. 7416. The list of Outstanding Business was proceeded with (1st October 1891):—

"2. Memorandum from the Municipal Secretary, submitting petition addressed to the Corporation by Mr. Gopaldas Rowji, stating that a urinal in close proximity to his house in Khoja Street, Nul Bazaar, causes great nuisance to him. Referred to the Commissioner for report—(22nd April 1891)."

*Struck out*, as having been disposed of this day.

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BOMBAY, 21*st October* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.I.E.; THE HON'BLE MR. FAZULBHOY VISRAM; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.
Surgeon-Major T. S. WEIR, Acting Commissioner; and the SECRETARY.

The minutes of the meeting held on the 14th instant, were signed.

The seal of the Corporation was affixed to attested

No. 7753. duplicate debenture, Rs. 500, Tansa Water Works Loan No. 776.

*Resolved* : "That, as applied for by the Acting Commis-

No. 7754. sioner, in his memoranda Nos. 16254 to 16261 inclusive, dated 15th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Bai Kastibai, widow of Luximon Hira... | Building at Naigam Cross Road. |
| Mr. Bezonji Pestonji ... ... ... | Do. at Gamdevi Road. |
| „ Yankoojee Nursoojee ... ... | No. 57, at Suklajee Street. |
| „ Gunpat Carpenter, or present owner, Mr. Adam Bawla. | Building at Charni Road. |
| „ Runchordas Harjewandas... ... | Do. at Mooglbhat Lane. |
| Haji Mahomed Oosman... ... ... | Do. at Sewri Cross Road. |
| The Manager of the Union Spinning Mills. | Do. at Naigam Cross Road. |
| Mr. Mata Badal Parsang ... ... | Do. do. do. " |

*Resolved* : "That, as applied for by the Acting Com-

No. 7755. missioner, in his memorandum No. 16759, dated this day, sanction be given to to the cutting off of water connections as per list submitted therewith."

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* *See* Appendix C.

*Resolved* : "That, under the circumstances stated in letter No. 16520, dated 17th instant, from the Acting Commissioner, the Standing Committee approve of stall No. 78, Erskine Road Mutton Market, being let at Rs. 25 per quarter instead of Rs. 51 per quarter, as approved in the Committee's Resolution No. 7202, dated 22nd October 1890."

No. 7756.

Proposed by Mulji B. Barbhaya, Esq., seconded by Cowasjee Hormasjee, Esq.—

"That, as applied for by the Acting Commissioner in his letter No. 16149, dated 14th instant, and subject to the approval of the Corporation, under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 630, from savings in the grant, 2, labour, A, scavengering, feed of bullocks, to section 6, new stock, purchase of bullocks, to meet an increase in the price (from Rs. 120 to Rs. 135 per pair) over the Budget estimates for the purchase of bullocks for the Health Department.

No. 7757.

"2. That sanction be given to the purchase (when convenient) from Messrs. Kharshedji and Sons, Kirkee, of 22 pairs of bullocks, at Rs. 150 per pair, at a total cost of Rs. 3,300; the cost to be met out of the current year's Budget provision.

"3. That, under the terms of section 72 (3) of the Act, the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as Messrs. Kharshedji and Sons have for many years passed supplied this Municipality with bullocks."

*Carried*, with one dissentient.

The consideration of application for sanction to the transfer of Rs. 500 to meet excess in the grant for printing, Water Works Department, was postponed till next week, the Acting Commissioner being asked to have a statement prepared in the meantime showing in detail the cause of the excess.

*Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 16597, dated 19th instant, and subject to the approval, of the Corporation under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 1,500, from savings in section 3, Drainage, A, miscellaneous drainage, repairing and altering miscellaneous drains and gutters, Engineer's budget, to section 2, stores, same budget, to meet anticipated excess on the latter section."*

No. 7759.

* In reference to this sanction for excess in Stores the Chairman remarked that better supervision appears to be required in the drain-cleaning and repairing operations, the rope used for raising baskets, &c., from the drains being quickly destroyed by friction against the sides and heads of the manholes. Instead of the ropes being chafed in this way, they should be worked on pulleys or some such means.

Considered the following :—Letter No. 2307, dated 14th instant, to the Acting Commissioner as under :—

SIR,—I have the honor to forward for transmission to the Standing Committee, a quarterly return for the quarter ending 26th September 1891, as compared with the corresponding quarter for the previous year, as required by the then Town Council Resolution No. 465, of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

2. The unappropriated surplus cash balance, as pointed out in my report No. 1677, dated the 20th August 1891, on the accounts of the past year, is Rs. 5,00,000, out of which Rs. 51,120-5-7 have already been sanctioned by the Corporation up to the end of the quarter for additional grants for the current year.

3. The remainder, *minus* the probable extra grants to end of current financial year, is proposed to be appropriated in the ensuing year's budget now in print.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

Memorandum No. 16278, dated 15th idem as under :—

Forwarded to the Standing Committee for information.

T. S. WEIR, Acting Commissioner.

*Additional Grants sanctioned by the Corporation during the Quarter ending 30th September* 1891.

| No. | Month and Date. | | Amount. | | |
|---|---|---|---|---|---|
| | 1891. | | Rs. | a. | p. |
| 3716 | 9th July ... | Grant of Rs. 4,000 from surplus cash balance, being half the amount of the additional expenditure for completing the census abstract, tabulation work, &c. ... ... ... ... | 4,000 | 0 | 0 |
| 3987 | 16th „ ... | Grant of Rs. 14,203 from surplus cash balance to provide for the cost of building a new bungalow for the Superintendent of Victoria Gardens ... ... ... ... ... ... | 14,203 | 0 | 0 |
| 3987 | „ „ ... | Grant of Rs. 100, from surplus cash balance, per mensem, being allowed to Mr. Carstensen, Superintendent, Victoria Gardens, until the completion of new quarters (seven and a-half months) ... ... ... ... ... | 750 | 0 | 0 |
| 3992 | „ „ ... | Grant of Rs. 1,590, from surplus cash balance, for repairing the clocks at the Wadia Fountain and the Victoria Gardens ... ... | 1,590 | 0 | 0 |
| 3993 | „ „ ... | Grant of Rs. 450, from surplus cash balance, to meet the cost of printing (1) the report of the Committee appointed to enquire into the history of the Love Grove Pumping Engines, and (2) the report of the Committee regarding Building By-Laws ... ... ... | 450 | 0 | 0 |
| 3996 | „ „ ... | Grant of Rs. 2,727, from surplus cash balance, to the erection of a refreshment-room in the Victoria Gardens ... ... ... ... ... | 2,727 | 0 | 0 |
| 4962 | 6th August ... | Grant of £ 300, from surplus cash balance, at the current rate of exchange for the purchase from Messrs. Macfarlane, Strang & Co. of a pipe-cutting machine for the stock of the Water Works Department ... ... ... | 4,166 | 5 | 10 |
| 6262 | 3rd Sept. ... | Grant of Rs. 850-14-4, from surplus cash balance, to be paid to Pandoo Rama as compensation for the loss sustained by him of the right to catch fish in the storm-water reservoir and in Love Grove channel, Mahalaxmi. | 850 | 14 | 4 |
| | | Total...Rs. | 28,737 | 1 | 2 |

## ACCOUNT OF THE BOMBAY MUNICIPALITY

as compared with that for the Quarter

| | Budget Estimate. | Quarter ending 27th September 1890. | Quarter ending 26th September 1891. |
|---|---|---|---|
| **RECEIPTS.** | Rs. a. p | Rs. a. p. | Rs. a. p. |
| *Opening Balance* ... ... | 4,30,000 0 0 | 66,712 7 6 | 30,871 8 1 |
| General Tax ... ... ... | 17,38,800 0 0 | 2,91,521 0 5 | 2,90,107 6 0 |
| Water Works Revenue (including Water Tax) ... | 12,20,760 0 0 | 3,13,634 3 3 | 3,20,239 7 9 |
| Wheel Tax and Tolls ... | 3,09,700 0 0 | 59,674 4 5 | 50,242 0 8 |
| Halalkhor Tax ... ... | 5,48,000 0 0 | 1,13,408 5 8 | 1,18,839 9 10 |
| Duties, Town... ... ... | 9,00,000 0 0 | *1,04,040 1 2 | *88,879 9 10 |
| Licenses ... ... ... | 63,750 0 0 | 11,229 2 0 | 14,801 14 0 |
| Receipts from Govt. for Liquor Licenses | 1,43,750 0 0 | ..... | ..... |
| „ for Tobacco Duty. | 1,67,800 0 0 | 28,895 0 0 | 28,930 0 0 |
| Market Receipts ... ... | 3,47,380 0 0 | 79,315 9 6 | 82,008 11 11 |
| Miscellaneous Fees ... ... | 45,400 0 0 | 10,819 6 1 | 10,116 10 2 |
| „ Fines and Penalties... | 7,000 0 0 | 2,068 4 0 | 3,452 10 7 |
| „ Receipts ... | 1,01,135 0 0 | 27,125 7 1 | 30,055 1 6 |
| „ Savings ... | 3,000 0 0 | *1,464 11 9 | 1,863 12 9 |
| Public Gardens ... ... | 6,000 0 0 | 2,502 2 0 | 1,737 1 10 |
| Contribution from Municipal servants towards Pension, &c., Fund ... ... | 14,000 0 0 | 3,665 9 11 | 4,022 2 8 |
| Tramway Rent ... ... | 36,200 0 0 | ..... | ..... |
| Workshops Recoveries ... | 1,40,000 0 0 | 1,936 5 4 | 19,434 8 6 |
| Interest and Profit on Investments ... ... ... | 1,17,000 0 0 | 49,353 11 11 | 3,525 4 0 |
| | 59,09,675 0 0 | 10,97,723 13 0 | 8,90,496 12 4 |
| Debt ... ... ... ... | ..... | 35,32,000 0 0 | 32,500 0 0 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 17,87,035 11 9 | 12,78,800 0 0 |
| Advances ... ... ... | ..... | 1,75,651 6 2 | 2,86,780 9 3 |
| Deposits ... ... ... | ..... | 48,538 15 9 | 47,404 11 0 |
| Rupees ... | 59,09,675 0 0 | 66,40,949 14 8 | 25,34,982 0 7 |
| Total Rupees... | 63,39,675 0 0 | 67,07,662 6 2 | 25,65,853 8 8 |

## FOR THE QUARTER ENDING 26TH SEPTEMBER 1891, ending 27TH SEPTEMBER 1890.

| | Budget Estimate. | Quarter ending 27th September 1890. | Quarter ending 26th September 1891. |
|---|---|---|---|
| **DISBURSEMENTS** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,81,676 0 0 | 45,823 11 0 | 50,705 3 2 |
| Assessment and Collection Department ... ... | 2,30,480 0 0 | 56,766 9 1 | 62,503 15 7 |
| Fire Brigade... ... ... | 1,44,800 0 0 | 37,732 15 0 | 27,585 12 1 |
| Public Gardens ... ... | 80,739 0 0 | 49,004 2 3 | 19,880 4 1 |
| Public Works. General Supervision Estt. (including Workshops) ... ... ... | 1,80,708 0 0 | 24,407 8 10 | 46,145 4 2 |
| Public Works. Drainage ... ... | 1,83,141 0 0 | 26,433 0 9 | 50,674 0 6 |
| Public Works. Water Works ... ... | 2,08,642 0 0 | †29,02,819 11 6 | †3,67,737 7 7 |
| Public Works. Streets and Buildings Inspection and Supervision Estt. ... ... | 85,278 0 0 | 21,761 14 2 | 20,523 3 5 |
| Public Works. Public Lighting .... | 3,69,715 0 0 | 53,075 13 5 | 60,914 8 2 |
| Public Works. Road Watering... ... | 93,270 0 0 | 11,967 0 3 | 7,432 9 4 |
| Public Works. Road Repairs and Maintenance ... ... | 4,65,872 0 0 | 89,912 14 4 | 91,556 9 11 |
| Public Works. Street Improvements ... | 1,05,030 0 0 | 24,158 4 2 | 37,794 13 1 |
| Public Works. Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 37,642 0 0 | 9,481 8 0 | ..... |
| Health Department... ... | 14,26,279 0 0 | 2,65,517 12 1 | 3,03,242 12 5 |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 1,45,608 0 0 | 27,586 7 8 | 29,060 11 8 |
| Police Charges ... ... | 2,58,289 0 0 | 64,571 5 9 | 64,571 5 9 |
| Education (including Veterinary College, &c.) ... | 83,680 0 0 | 14,671 7 8 | 19,068 0 11 |
| New Works and Reserve Funds ... ... ... | 69,270 0 0 | 1,08,550 10 3 | 79,139 13 10 |
| Debt ... ... ... ... | 18,08,252 0 0 | 4,67,190 11 1 | 4,58,830 1 5 |
| | 61,58,371 0 0 | 43,01,433 7 3 | 17,97,365 10 1 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 9,22,132 14 10 | 1,00,045 4 0 |
| Loan Works Accounts ... | ..... | 1,10,050 3 4 | 3,39,506 0 9 |
| Advances ... ... ... | ..... | 2,57,979 0 5 | 1,94,174 9 10 |
| Deposits ... ... ... | ..... | 32,110 9 5 | 91,741 3 4 |
| Rupees... | 61,58,371 0 0 | 56,23,706 3 3 | 25,22,832 12 0 |
| Balance on 1891 ... | ..... | 10,83,956 2 11 | 43,020 12 8 |
| Estimated Balance on 31st March 1892... | 1,81,304 0 0 | ..... | ..... |
| Total Rupees... | 63,39,675 0 0 | 67,07,662 6 2 | 25,65,853 8 8 |

* Debits deducted.

† Includes a net sum of Rs. 28,66,601-0-7 and Rs. 3,14,776 13 6, respectively, paid to date on account of Tansa and other Water Works executed out of Loan Funds and Investment of Surplus Tansa Loan and Interest Funds.

*Resolved*: "That letter No. 2307 of the 10th instant and
No. 7760. accompaniments be printed on the minutes of this meeting and brought on for consideration next week."

The further consideration of report by the Acting Commissioner, on petition from Saraswatibai, regarding the rebuilding of her house at Cavel, was postponed, the papers being still in circulation.

*Resolved*: "That the following be *recorded*:—Memo-
No. 7762. randum No. 16141, dated 14th instant, from the Acting Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the surplus cash deposit account, to the Municipal General Fund pass book, on the 10th instant."

*Resolved*: "That the following be forwarded to the
No. 7763. Acting Commissioner for disposal and that the applicant be informed accordingly:—Letter, dated 5th instant, from Ebrahim Vallibhoy, on the subject of the sale of his house situated at Nagpada."

*Resolved*: "That the following be *recorded*:—Letter
No. 7764. No. 16625, dated 19th instant, from the Acting Commissioner, reporting that he has sanctioned the purchase of ten pairs of bullocks for the meat-vans from Messrs. Khursedji & Sons, of Kirkee, at Rs. 200 per pair. The amount to be met out of the sum of Rs. 2,400, for the purchase of bullocks for the vans in the current year's budget."

The following return was read and *recorded*:—

Return of fires at Colaba Causeway, Foras Road (Byculla), Ripon Road (Hindustan Mill) and Dharavi, (Mahim), forwarded with the Commissioner's memorandum No. 16473, dated 17th October 1891.*

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the Acting Municipal Commissioner be requested
No. 7766. to furnish a return of the additional licenses issued during the month previous to the Diwali for the sale of fireworks for the present year, as compared with the number issued last year."

*Carried.*

* *See* Appendix E.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 18th October 1891.

*Resolved*: "That, as applied for by the Acting Commissioner, in his letter No. 16628, dated 19th instant, sanction be given, under section 305 of the Municipal Act, to written notices being served on the several owners of premises fronting, adjoining or abutting the private street called Mahomedan Street, requiring them to level and metal the same as the Acting Commissioner shall direct."

No. 7767.

*Resolved* : "That, as applied for by the Acting Commissioner, in his letter No. 16676, dated 20th instant, sanction be given, under section 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Jamal Kala Butcher for the recovery of Rs. 163-3-0, being the amount of the property taxes (General, Water and Halalkhor) due from him in respect of the following properties :—

No. 7768.

| Ward | Ward No. and Sub. No. | Locality. | Period. |
|---|---|---|---|
| B. | 208 | Nagdevi Road. | 1st Half, 1890-91. |
| B. | do. | do. | 2nd do. |
| B. | do. | do. | 1st Half, 1891-92. |
| E. | 2470 and 2471 | Bapty Road | 1st do. |

*Resolved* : "That the following be *recorded* :—Letter No. 16743, dated 20th instant, from the Acting Commissioner, reporting that he has entrusted the work of laying 2,600 lin. feet of 4″ pipes and fixing fire hydrants and sluice valve chambers in certain portions of the city to Messrs. Bhedwar & Co., at Rs. 1,008-2-0. The amount to be debited to the Budget grant of Rs. 5,000 for renewing mains."

No. 7769.

*Resolved* : "That the following be forwarded to the Commissioner for favour of remarks:—Petition, dated 9th instant, addressed to the Corporation by merchants and workpeople connected with the Cotton Green at Colaba, objecting to the erection of a market at Thomas Street, but requesting that the market be built on the site of the old Fish Market."

No. 7770.

* *See* Appendix C.

BOMBAY, 28*th October* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L.M. & S.

SURGEON-MAJOR T. S. WEIR, Acting Commissioner; the DEPUTY EXECUTIVE ENGINEER, Drainage Works; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meeting held on the 21st instant, were signed.

No. 8106. The seal of the Corporation was affixed to 25 debentures of Rs. 500 each, of the Various Sanitary Works loan, Nos. 6968 to 6992, both inclusive.

No. 8107. *Resolved* : " That, as applied for by the Acting Commissioner, in his memoranda Nos. 16861 to 16864, inclusive, dated 22nd instant, No. 14919, dated 21st idem, Nos. 17164 and 17165, dated 26th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | | Where. | |
|---|---|---|---|
| Mr. Shaik Dawood Shaik Issack ... | | Building at the junction of Arthur and Ripon Roads. | |
| „ Khoja Maistry ... ... | | Do. | at Charni Road. |
| „ Krishna Babaji Mayaker ... | | Do. | at DeLisle Road. |
| „ Jayalal Purdesi ... ... | | Do. | at Arthur Road. |
| Messrs. B. Ruttonjee & Co. ... | | Do. | at Kala Chowki Road. |
| Mr. Adamjee Peerbhoy Tamboowalla. | | Do. | No. 8, at Mustan Tank Road. |
| „ Purbhajee Sivajee ... ... | | Do. | Nos. 55-62, at Kamathipura Centre Road. |

No. 8108. *Resolved* : " That, as applied for by the Acting Commissioner in his memorandum No. 17354, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 8109. *Resolved* : " That, as applied for by the Acting Commissioner in his memorandum No. 16385, dated 16th instant, sanction be given to the transfer of Rs. 500, from savings in Section III, Contingencies (Water Works Department), to same section, to meet excess in the grant for printing."

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram—

"That, as applied for by the Acting Commissioner in his letter No. 17297, dated 27th instant, sanction be given to the purchase, from Messrs. Heptoola Sheik Adam & Co., of 1,000 cases of kerosine oil, 150° proof test, of the Rose brand, at Rs. 4 per case. The cost to be met out of the current year's grant for lighting.

No. 8110.

"That, under Section 72 (3) of the Municipal Act, the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as the ordinary contract rate is Rs. 5-8-0 per case and the Executive Engineer states that the present market rate is Rs. 4-8-0 per case."

*Carried* (with one dissentient).

Read letter No. 17254, dated 27th instant, to the Secretary as under:—

SIR,—In their resolution No. 200, dated 8th April 1891, the Standing Committee accepted the tender of Messrs. Framji and Jowanji for the construction of halalkhors' chawls in Kharshedji Suklaji Street, and they were asked to proceed with the work and foundations were dug. The excavations made for the foundations revealed such unsatisfactory materials for building upon that it was found absolutely necessary to dig pits at various places on the site to ascertain the depths to which the foundations must be taken, trials previously made giving no hope of a satisfactory bed for foundations being found under a level between 10 and 12 feet from the present ground level.

From the borings now taken it is found that to obtain a satisfactory foundation it is necessary to go down to R. L. 74·00 T. H. D. The reduced level of the street in front of the ground being 87·00 T.H.D., the depth of foundations will be 13 feet instead of 6 feet as estimated by the Acting Executive Engineer.

The cost of the extra works to be undertaken under the circumstances is estimated at Rs. 11,847, and I have the honour, therefore, to request the Standing Committee to recommend the Corporation to sanction the expenditure of Rs. 11,847 out of the unappropriated balance of Rs. 14,639 of the 35 lakhs various sanitary works loan.

According to the contract, the contractors are required to complete the work within 12 working calendar months, but as some time has already been lost in taking borings, and as it will take some time before the extra expenditure is sanctioned, I propose to reckon 12 months from the date of the intimation to them

to proceed with the work after the Corporation has sanctioned the expenditure.

As the matter is urgent and the contractors will claim damage on account of delay, I request the Chairman of the Standing Committee will kindly bring the subject by a notice of motion before the meeting of the Corporation to be held on 5th proximo.—I have, &c., T. S. WEIR, Acting Commissioner.

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhai Visram—

"That the Corporation be recommended to sanction the payment of Rs. 11,847 from the unappropriated balance of Rs. 14,639 of the 35 lakhs Various Sanitary Works loan to meet the extra cost of the foundations of the halalkhor chawls in Kharshedji Suklaji Street, 13 feet in depth instead of 6 feet; it being unknown to the Engineering Department when the estimates for the work were prepared that the site of the building is on an old tank which was filled in many years ago. That, as the work of the contractors for the building, Messrs. Framjee & Jiwanjee, has been much delayed and they will claim damages in consequence, the contract for the construction of the chawls, be so varied, as to allow the contract time to commence from the date of intimation to the contractors to proceed with the work as may be now sanctioned by the Corporation. That such extension of time be sanctioned subject to the contractors waiving any claim for damages on account of the said delay."

*Amendment*, proposed by Mulji B. Barbhaya, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the Committee regret that trial pits were not dug, in the first instance, to ascertain the nature of the ground."

On a division the amendment was *carried* as a substantive motion by 5 votes *against* 3, as follows:—

"That the Corporation be recommended to sanction the payment of Rs. 11,847, from the unappropriated balance of Rs. 14,639 of the 35 lakhs Various Sanitary Works loan, to meet the extra cost of putting in foundations, of 13 instead of 6 feet, for halalkhor chawls in Kharshedji Suklaji Street, it being unknown to the Engineering Department, when the estimates for the works were prepared, that the site of the building is on an old tank which was filled in many years ago.

No. 8111.

"The Committee regret that trial pits were not dug in the first instance to ascertain the nature of the ground.

"That, as the work of the contractors for the building, Messrs. Framjee & Jewanjee, has been much delayed and they will claim damages in consequence, the contract for the construction of the chawls be so varied as to allow the contract time to commence from the date of intimation to the contractors to proceed with the works, as may be now sanctioned by the Corporation..

"That such extension of time be sanctioned, subject to the contractors waiving any claim for damages on account of the said delay."

No. 8112. *Resolved*: "That, as applied for by the Acting Commissioner in his memorandum No. 17167, dated 26th instant, sanction be given, under section 381 of the Municipal Act, to the serving of a notice on Mr. Hormusjee Ardesir Wadia, requiring him to fill in with sweet earth the ditch belonging to him at Government Gate Road, as the stagnant water in the ditch, is a nuisance and has been complained of."

No. 8113. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 16895, dated 22nd instant, sanction be given to the payment of rewards at the rate of Re. 1 per lineal foot of each crocodile destroyed in the Tulsi and Vehar lakes and of two annas for each crocodile's egg found.

"The amount to be met out of Water Works contingencies.

"That the Committee approve of such rewards being paid to Municipal servants in excess of their scheduled salaries, or to such other persons as may become entitled to rewards for destroying crocodiles or their eggs."

No. 8114. *Resolved* : "That the following be *recorded* :—Memorandum No. 16278, dated 15th instant, from the Acting Commissioner, forwarding letter No. 2307, dated 14th idem, from the Chief Accountant, submitting a return showing the income and expenditure for the quarter ending 26th September 1891."*

No. 8115. *Resolved* : "That the following be *recorded* :—Letter No. 16833, dated 21st instant, from the Acting Commissioner, reporting that he has sanctioned the purchase of 100 maunds of coir matting at Rs. 5-8-0 per maund, required for shading ferneries in the Victoria Gardens.

* *See* Proceedings of the Standing Committee, dated 21st instant.

The further consideration of the following was postponed till next week:—Letter No. 15966, dated 9th instant, from the Acting Commissioner, reporting on the petition from Sarasvatibai, wife of Gunpatrao Pandurang, on the subject of the rebuilding of her house situated at Cavel (Gaiwady).

*Resolved*: "That the following be *recorded*:—Letter

No. 8116. No. 17058, dated 23rd instant, from the Acting Commissioner, reporting that he has allowed Mr. Sorabji M. Ratnager the use of a piece of Municipal ground at Bhuleshwar for 14 days from the 24th idem, on payment of Re. 1 per day, the ground being required by Mr. Ratnager for exhibiting certain patent lamps during Dewali holidays."

*Resolved:* "That the following be laid on the table:—

No. 8117. Letter, dated 21st instant, from Messrs. Ardaseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and disbursements at the end of each week for the month of September last, and compared them with the ledgers and journals and found them correct. Forwarding summary and statement of their scrutiny of the accounts."

*Resolved*: "That the following be *recorded*:—Memo-

No. 8118. randum No. 16733, dated 20th instant, from the Acting Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,00,000, from the Tansa Loan deposit account No. 2 to the Municipal General Fund pass book, on the 17th instant."

*Resolved*: "That the following be forwarded to the

No. 8119. Acting Commissioner for favour of report:—Memorandum from the Municipal Secretary, forwarding petition, dated 23rd instant, addressed to the Corporation by the residents of Cavel Street, complaining of the insanitary condition of that locality."

Proposed by Mulji B. Barbhaya, Esq., seconded by Colonel Merewether—

"That Mr. Bhojabhoy Allarakhia be informed, in reply to

No. 8120. his letter, dated 30th September last, that the Standing Committee are unable to entertain his application for the payment of enhanced rate on his contract for the supply of hay and grass."

*Carried nem. con.*

*Resolved* : " That the Corporation be recommended to
No. 8121. inform Messrs. G. M. Munshi, Somjee Parpia and others, in reply to their petition, dated 13th July last, complaining of the storage of dealwood boxes in Khoka Street, that the Municipality have prosecuted certain persons for keeping firewood and boxes in unsuitable localities ; that the present by-laws in regard to dangerous trades have been strictly enforced, and that it is hoped that danger may be lessened through these prosecutions."

In accordance with notice, it was proposed by Mulji Bhawanidas Barbhaya, Esq.—

" That the Acting Municipal Commissioner be asked why
No. 8122. water is not supplied adequately to the residents in the Bhuleshwar District, when, as a matter of fact, all the lakes are full or nearly full, and that they should be supplied with water regularly and adequately, especially in the Dewali holidays when water in a Hindu house is badly wanted."

The motion was seconded by Cowasjee Hormusjee, Esq., and *Carried.*

The Acting Commissioner informed the Committee that he had already discussed the question with Mr. Tomlinson and given instructions that arrangements should be made for giving as large a supply of water as possible during the Dewali holidays, and those arrangements had been completed.

Proposed by Mulji B. Barbhaya, Esq., seconded by Cowasjee Hormusjee, Esq.—

" That the consideration of the Corporation's resolution
No. 8123. No. 8071, dated 26th instant, and letter No. 17223 of the same date, from the Acting Commissioner, be postponed until next week, and that in the meantime the Acting Commissioner be requested to obtain the opinion of the Chief Accountant as to the financial questions referred to therein."

*Carried.*

*Resolved* : " That the following be *recorded* :—Memo-
No. 8124. randum No. 17113, dated 24th instant, from the Acting Commissioner, forwarding returns of fires as required under section 364 of the Municipal Act."

At Parel Road (Mumbadevi), Sankli Tank Street and Kharsetjee Suklajee Street, forwarded with the Commissioner's memorandum No. 17113, dated 24th October 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 25th October 1891.

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BOMBAY, *4th November* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE Mr. FAZULBHOY VISRAM; THE HON'BLE Mr. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.
SURGEON-MAJOR T. S. WEIR, Acting Commissioner; the DEPUTY EXECUTIVE ENGINEER, Water Works; and the SECRETARY.

The minutes of the meeting held on the 28th ultimo, were signed.

No. 8360. *Resolved* : "That, as applied for by the Acting Commissioner, in his memoranda Nos. 17486, 17487, 17488 and 17489, dated 29th ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | | | Where. |
|---|---|---|---|
| Mr. Venayek Raghoonath | ... | ... | Building at Grant Road. |
| ,, Ladak Nathoo | ... | ... | Do. at Matharpakhadi Road. |
| Bai Fatmabai | ... | ... | Do. at Clare Road. |
| Mr. Ardeshir Cursetjee | ... | ... | Do. at Gilder Street."

No. 8361. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 17870, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 8362. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 17285, dated 27th ultimo, the Corporation be recommended to sanction the payment, from surplus cash balance, of Rs. 384-3-8, for acting allowances payable on account of 87 days' privilege leave granted to the 3rd Assistant Assessor."

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* *See* Appendix **E**. † *See* Appendix **C**.

*Resolved*: "That, with reference to memorandum No. 17312, dated 27th ultimo, from the Acting Commissioner, the Committee are of opinion that the rate of Rs. 30 per square yard, already sanctioned for the 279 yards of ground or thereabout taken from Mr. Abdul Huc, for the improvement of Bruce Lane, should not be increased."

No. 8363.

Considered letter No. 17817, dated 3rd instant, from the Acting Commissioner, to the Secretary, as under:—

SIR,—I have the honor to state that with this office No. 19421, dated 19th February 1890, the letter dated 13th idem, from Mr. D.C. Shroff, offering about 16,000 square yards of his land free of cost for the construction of a new road from Jakaria Bundar Road to Sewri Cemetery, was submitted for the approval of the Standing Committee and Corporation.

The Standing Committee in their resolution No. 7090, dated 19th February 1890, recommended the proposal for the acceptance of the Corporation, on condition that Mr. Shroff gives up and conveys to the Corporation free of cost a plot of land admeasuring 16,000 square yards or thereabouts required for the construction of the proposed road 40' in width. This offer was accepted by the Corporation in their resolution, No. 7580, dated 12th March 1890, and the cost of constructing the road, *viz.*, Rs. 37,419, was sanctioned by them in their resolution, No. 1484 of the 22nd May 1890. The Collector of Bombay has now applied to us for the payment of the capitalized value of the ground rent, calculated at 25 years' purchase, *viz.*, Rs. 2,067-0-11. This sum Mr. Shroff was requested to pay, but in reply he refers to his letter of the 13th February 1890, which was forwarded with this office No. 19421, above referred to, and declines to pay the bill for ground rent. Under the circumstances, I propose to debit Rs. 2,067-0-11 to the grant for the construction of the road.—I have, &c., T. S. WEIR, Acting Commissioner.

*Resolved*: "That sanction be given to the payment, from savings on the grant for the construction of a new road from Jakeria Bunder Road to Golanji Hill, of Rs. 2,067-0-11, the amount of the Government ground rent, calculated at 25 years' purchase, payable in respect of 16,000 square yards of ground given to the Municipality by Mr. D. C. Shroff as the site for such road."

No. 8364.

Read letter No. 17665, dated 30th ultimo, from the Acting Commissioner, to the Secretary, as under :—

SIR,—I have the honor to request the sanction of the Standing Committee, under Section 92 (*b*) of the Municipal Act, to the sale of the materials of a house lately purchased in connection with the extension of the Bhuleshwar Market to the highest bidder Mr. Edulji Hormusji Batiwalla for Rs. 4,700.—I have, &c., T. S. WEIR, Acting Commissioner.

Proposed by Mulji B. Barbhaya, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

No. 8365. "That the materials of house at Bhoiwada, purchased for the extension of the Bhuleshwar Market, should not be sold to Mr. Edulji Hormusji Batiwalla for Rs. 4,700, as proposed, but should be again advertised for sale."

*Carried.*

Considered the following :—Letter No. 17656, to the Secretary, dated 30th October 1891, as under :—

SIR,—With reference to the resolution of the Standing Committee, No. 5740, dated 26th August last, I have the honor to state that, on the 4th September last, the Assessor and Collector requested Mr. N. B. Suntook to pay the amount before the end of that month. On the same day, Messrs. Thakurdas, Dharamsi and Cama wrote a letter to the Municipal Solicitors, requesting to be furnished with a copy of the security bond, and enquiring as to what steps have been taken for the apprehension of the defaulting ward clerk. Accordingly, a copy of the bond was supplied to them, and they were informed that a warrant of arrest was in the hands of the Police. On the 19th September, Messrs. Thakurdas, Dharamsi and Cama again applied for certain information to the Municipal Solicitors who, in reply, intimated that proceedings would be taken for the recovery of the amount due by Mr. N. B. Suntook, if it was not paid, and as Mr. Suntook has not paid the amount, I request sanction of the Standing Committee, under Section 517 (*j*), to file a suit against him for the recovery of Rs. 582-13-2.—I have, &c., T. S. WEIR, Acting Commissioner.

Proposed by Colonel Merewether, seconded by the Hon'ble Mr. Fazulbhoy Visram—

No. 8366. "That, as applied for by the Acting Commissioner, in his letter No. 17656, dated 30th ultimo, sanction be given to the filing of a suit in the Court of Small Causes against Mr. Nowroji Beiramji Suntook for the recovery of Rs. 582-13-2, being the amount of surety money payable by him in respect of Ward Clerk Manekji Aderji, who fraudulently misappropriated that amount of Municipal money."*

*Carried.*

No. 8367. *Resolved* : "That, as applied for by the Acting Commissioner in his memorandum No. 17778, dated 3rd instant, sanction be given to Sub-Inspector Pandu Manick Sawant, Water Works Department, being allowed to contribute to the Municipal Pension Fund from 12th August 1891."

* Mr. Abdulla M. Dharamsi, being engaged professionally in this case took no part in the disposal of this question by the Standing Committee.

*Resolved*: "That the Acting Commissioner be informed, in reference to his letter No. 17781, dated 3rd instant, that under the terms of the resolution of the Standing Committee, No. 12467, dated 25th February last, compounded water rate is to be levied on all educational institutions."

No. 8368.

Read letter No. 4570, dated 26th ultimo, from the Superintendent of Licenses to the Acting Commissioner as follows :—

SIR,—With reference to your memorandum No. 16811 of the 21st instant, I have the honor to furnish herewith a return of the additional licenses issued during the month previous to the Devali, for the retail sale of fireworks for the past year and also for the current year ending up to the 21st instant.

I have also to state that about a hundred more licenses for retail sale of fireworks will probably be issued up to the end of this month, as the parties bring applications daily, averaging ten in number.—I have, &c., DOUGLAS BENNETT, Superintendent of Licenses*.

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No. 17320 OF 27TH OCTOBER 1891.

Forwarded to the Standing Committee for information with reference to their resolution No. 7766, dated 21st instant.

*Resolved*: "That the following be *recorded*, with a request to the Commissioner that in the issue of such licenses, in future, precautions be taken to limit their number :—Memorandum No. 17320, dated 27th ultimo, from the Acting Commissioner, forwarding a return of the additional licenses, issued during the month previous to the Devali, for the sale of fireworks for the present year, as compared with the number issued last year."

No. 8369.

*Resolved*: "That the following be *recorded* :—Memorandum No. 17319, dated 27th ultimo, from the Acting Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 79,266-5-7—(1) of Rs. 13,774-14-8 from the new Sanitary Works Loan deposit account No. 1 to the Municipal General Fund pass book, on the 24th ultimo; (2) of Rs. 1,392-15-6 from the new Sanitary Works Loan deposit account No. 2 to ditto on the same date ; (3) of Rs. 11,905-1-3 from the Drainage and Water Works Loan deposit account of 12 lakhs to ditto on ditto; (4) of Rs. 6,213-12-6 from the Miscellaneous

No. 8370.

* The statement showed that the number of Licenses issued in 1890-91 were 112, and in 1891-92 79 up to 21st October 1891, and up to date 27 more than the same date in 1890-91.

Works Loan of 1888-89 deposit account to ditto on ditto; (5) of Rs. 36,044-13-0 from the 35 lakhs Various Sanitary Works Loan deposit account to ditto on ditto; (6) of Rs. 55-4-1 from the Municipal Commissioner's and Controller of Municipal Account's Sinking Fund deposit account to ditto on ditto ; and (7) of Rs. 9,879-8-7 from the surplus cash deposit account to ditto on ditto."

Proposed by Kaikhosro N. Kabraji, Esq., seconded by Mulji B. Barbhaya, Esq.—

"That the consideration of the Acting Commissioner's letter No. 15966, dated 9th ultimo, reporting on petition from Sarasvatibai, on the subject of the re-building of her house at Cavel, be postponed for a week, and that, in the meantime, the Commissioner be asked to have the order of the Engineer's Department No. 591, dated 2nd October 1884, placed before the Committee."

No. 8371.

*Carried*, by 7 votes *against* 2.

Read the following:—

*2nd November* 1891.

To The STANDING COMMITTEE,
Bombay Municipality.

Gentlemen,—I beg to draw your attention to the following facts in order that you may take such steps in reference to them as you may consider just.

Near Hancock Bridge, Mazagon, there is a certain property of which I am at present in possession and management. Between that property and the Hancock Bridge is a narrow strip of land belonging to the Municipality. Beyond that property and opposite only few feet of this narrow strip, comes the property belonging to the Bombay Flour Mill Company. It appears from the communications I have received from the Municipal Commissioner, that a considerable portion of the narrow strip above referred to—lying between my property and the bridge—has been sold by the Municipal executive authorities to the Flour Company without any reference to me whatever, and without even giving me any information in regard to the proposed sale. Only a small part of the strip has not been sold, and that has been offered to me. It was only when I had this part inspected, that I found out for the first time, that the other part was proposed to be sold to the Flour Company. I need not point out that the proceedings of the executive of the Municipality involve a departure from what I believe is the universal practice, both of the Municipality and of Government in such cases. But I may state, that if the usual practice had been followed in this case, I should not have had to put up with some positive inconvenience which I now fear is certain to arise, and I should have been able to open another road, connecting my property with the public road, which would have resulted in much improvement, sanitary and otherwise, to that property. I

have, therefore, to request that you will be so good as to investigate into this matter, and set aside, as far as may be possible, the proceedings of the executive connected therewith.

I beg to add that in the letter which I have received from the Municipal Commissioner, there is no attempt to explain the grounds upon which the executive have acted as they have done.—I have, &c., K. T. TELANG.

No. 8372. *Resolved*: "That the Hon'ble Mr. Justice Kashinath T. Telang, C.I.E., be informed, in reply to his letter, dated 2nd instant, that the ground referred to having been sold by the Municipality, the Standing Committee regret that no steps can now be taken by them in the direction indicated.

*Rider* proposed by Accacio G. Viegas, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the owners of adjoining properties be informed of the intention on the part of the Municipality of selling any Municipal land or property, with a view to give them the option of the purchase."

The rider was not accepted as the part of the original proposal.

No. 8373. *Resolved*: "That the following be forwarded to the Commissioner for disposal:—Letter, dated 26th instant, from Mr. Cassum Nathu, on the subject of property tax paid by him in respect of property No. 5279, Coppersmith Road."

No. 8374. *Resolved*: "That further letter, dated 29th ultimo, from Mr. Framjee Aderjee, on the subject of his drainage proposals, be forwarded to the Commissioner in continuation of the Committee's resolution No. 6733, dated 16th September last."

Considered letter No. 17223, dated 26th ultimo, to the Secretary, as under :—

SIR,—As item No. 14 in the rider proposed and carried at the meeting of the Corporation to-day, appears to me to be contrary to the law authorising the printing of Annual Reports, and as that resolution immediately affects the Standing Committee, I have the honour to request the instructions of the Standing Committee. The law as laid down in Section 124 is this:—

"(14). That a copy of the report of all boards, institutions, establishments, hospitals and asylums to which the Municipality contributes should be appended to the Annual Report, such as the report of the Victoria Technical Institute, Goculdas Tejpal Hospital, the City Police, the Leper Asylum, and so forth."

Clause (2)—"The Commissioner shall incorporate with his said Report and Statement, a report for the same period from each head of a department subordinate to him."

The resolution of the Corporation as embodied in item 14 of the rider is "that a copy of the report of all boards, institutions, &c., be appended to the Annual Report."

It is, therefore, evident that the resolution, as worded, is illegal, and if carried out, would cause the illegal employment of public funds.

The law lays down that the Commissioner shall incorporate with the Annual Report the reports of departments subordinate to him. The resolution of the Corporation lays down that the Commissioner shall incorporate or, to use the word of the resolution, "append" the reports of boards, &c., to which the Municipality contribute.

It is, therefore, manifest that the resolution of the Corporation, so far as item 14, cannot legally be complied with, and that this portion of the resolution must be reconsidered.—I have, &c., T. S. WEIR, Acting Commissioner.

No. 8375. *Resolved*: "That the further consideration of the following be postponed till next week:—Resolution of the Corporation No. 8071, dated 26th ultimo, on the subject of certain information being embodied in the Annual Administration Reports. Letter No. 17223, dated 26th ultimo, from the Acting Commissioner thereon."

Considered letter No. 17414, dated 28th ultimo, to the Secretary, as under :—

SIR,—With reference to the Standing Committee's resolution, No. 7279 of the 7th instant, I have the honour to state that in the opinion of the Executive Engineer the following works are considered the most emergent of the emergent works I submitted before :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| 1. | The 24" Queen's Road main, already sanctioned and the work in progress ... ... | 63,360 | 0 | 0 |
| 2. | 24" main from Parel Road along Kala Chowki Road, Golangi Hill Road to Sewri Cemetery ... ... ... ... ... | 1,39,800 | 0 | 0 |
| 3. | 18" main from Kala Chowki Road along Ghorapdeo Road and Mount Road to Bhandarwada Reservoir ... ... ... | 85,100 | 0 | 0 |
| 4. | 18" main from Girgam Road to Dongri Street along Kolbhat, new Hanuman, Janjikar and Dongri Streets ... ... | 42,600 | 0 | 0 |
| 5. | 18" main Hornby Road from Frere Fountain to Bori Bunder ... ... ... | 27,700 | 0 | 0 |
| 6. | 12" main Pultan Road and Chakla Street from Hornby Road to Janjikar Street ... | 12,400 | 0 | 0 |
| 7. | 9" main in Nagdevi and Chakla Streets between Janjikar Street and Musjid Bridge Road ... ... ... ... ... | 10,560 | 0 | 0 |
| 8. | 9" main in Tank Bunder Road (part of) from Coppersmith Street, Mazagon ... ... | 8,800 | 0 | 0 |
| 9. | 32" main from Grant Road, through Kamathipura to Bellasis Road ... ... ... | 62,945 | 0 | 0 |
| | Total Rs. | 4,53,265 | 0 | 0 |

Considering the opinions expressed in the meeting of the Standing Committee to-day on the insufficient water supply, I have no doubt these proposals will be earnestly considered and approved.—I have, &c., T. S. WEIR, Acting Commissioner.

No. 8376. *Resolved* : "That letter No. 17414, dated 28th ultimo, from the Acting Commissioner to the Secretary, be printed on the minutes of this day's meeting, and brought on for consideration next week."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 1st November 1891.

No. 8377. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 17828, dated 3rd instant, sanction be given to his entering into a contract with Mr. Shankerrao Baba Mandruper, of Sholapur, for the supply of tin plates and street name boards, as may be required from time to time at the following rates :—

$4\frac{1}{2}''$ × 3″ oval iron number plates, each of 3 figures or letters, at Rs. 140 per 1,000.

$3\frac{1}{2}''$ × 3″ oval iron number plates, each of 2 figures or letters, at Rs. 130 per 1,000.

Street boards, at Rs. 4-12-0 each.

"The cost to be met out of the budget grant of Rs. 5,000 provided for the works.

"That, under section 72 (3) of the Municipal Act, the Standing Committee dispense with the invitation for tenders which would otherwise be necessary, as Mr. Shunker last year supplied the same kind of goods to the Municipality and gave satisfaction."

Read the following :—

*Note made by the Acting Executive Health Officer, after visiting Cavel Street on the 28th October 1891.*

In consequence of a letter having been sent to me by Mr. J. Bocarro, and another by Dr. J. Pinto yesterday, I rode through Cavel Street after 8 a.m. to-day, without having made any previous arrangement with my Ward Inspector. I found that the whole lane had been swept clean, and there was a special Ramosee on duty in the lane. There was, however, evidence, along gateways and walls of gardens and houses, of deposits, excreta having been recently removed. I happened to meet Mr. J. L. Britto, and with his assistance I found Mr. Bocarro's house. I interviewed him, and told him that the place had been swept well. He said he

* *See* Appendix C.

expected that would happen when I should come round, but I at once told him that my visit was quite accidental. Moreover, I told him that this department is not responsible for the Bania children causing nuisance. All we are responsible for is the removal of any filth deposited on the road. I asked Mr. Bocarro to state if he had any complaint against this department, and whether the filth ever lay on the roads more than 24 hours to rot or decompose. To all this he said "no" in the presence of Mr. J. L. Britto, who was present throughout the interview. We walked from one end of Cavel Street to the other.—K. R. KIRTIKAR, Acting Health Officer.

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No. 23763 OF 1891-92.

True copy of note sent to the Commissioner with reference to a petition that is to appear before the Standing Committee to-day.

K. R. KIRTIKAR, Acting Health Officer.

28*th October* 1891.

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No. 17830, dated 3rd instant.

Forwarded to the Standing Committee for information with reference to their resolution No. 8119, dated 28th ultimo.

T. S. WEIR, Acting Commissioner.

Proposed by Muljee B. Barbhaya, Esq., seconded by the Hon'ble Mr. Fazulbhoy Visram—

"That the Corporation be recommended to furnish Mr. J. Bocarro and others, in reference to their petition, dated 23rd October 1891, with copy of report by the Acting Health Officer."

No. 8378.

*Amendment* proposed by A. G. Viegas, Esq.—

"That the Acting Municipal Commissioner be requested to report to the Standing Committee as to the steps which should be taken to prevent the habitual fouling of the streets by children easing themselves thereon."

*Not seconded.*

On a division, the original motion was *carried* (with one dissentient).

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BOMBAY, 11*th November* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L.M. & S.

SURGEON-MAJOR T. S. WEIR, Acting Commissioner; and the SECRETARY.

The minutes of the meeting held on the 4th instant were signed.

No. 8713. The seal of the Corporation was affixed to 24 attested duplicate debentures of Rs. 500 each, Nos. 963, 964, 1008, 1056 to 1075 (both inclusive), and No. 1696, of the Drainage Loan of 1878.

No. 8714. *Resolved*: "That, as applied for by the Acting Commissioner in his memoranda Nos. 18043—18046, dated 6th instant, and No. 18353, dated 10th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | | Where. |
|---|---|---|
| Mr. Khunsetti Lingoo ... | ... | Building at Kamathipura, 10th Street. |
| „ Bheroo Baksh Bhagla | ... | Do. Tank Bunder Road. |
| „ Hariba Tookaram ... | ... | Do. Grant Road. |
| „ Rustomji Ardeshir Cursetji Wadia ... ... | ... | Do. No. 14, Dockyard Road. |
| „ Meman Moti Essa ... | ... | Do. Tank Bunder Road." |

No. 8715. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 18436, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Considered again petition to the Corporation, dated 31st August 1891, from Saraswatibai, wife of Mr. Gunpatrao Pandurang, owner of houses Nos. 119—120, Cavel Street.

Read also the following :—

BOMBAY, 28*th October* 1891.

To SURGEON-MAJOR T. S. WEIR,
Acting Municipal Commissioner for the City of Bombay.

RESPECTED SIR,—I beg to acknowledge the receipt of your letter No. 16942 of 22nd instant, reached to me on the 26th idem, and in reply to state that I have already shown the title deeds to the Executive Engineer, and I do not see the necessity of further troubling myself in the matter.

I do not understand why I should go to the length of showing the title deeds to the Solicitors of the Municipality, and thus burden the Municipal revenues with unnecessary cost which will fall on the poor rate-payers of Bombay.

The subject before you is to give me permission to re-build my house, and from the correspondence which has transpired it will be obvious to you that I have conformed to all the requirements of your and Executive Engineer's Department; further display on the subject is altogether uncalled for.—I beg, &c., SARASWATIBAI, wife of Ganpatrao Pandurang, Proprietress of Houses Nos. 119 & 120, Cavel Street.

No. 17658 OF 1891-92.

BOMBAY, *30th October* 1891.

Copy forwarded to the Municipal Secretary in continuation of this Office No. 15966, dated 9th instant.

It is quite clear from the tone of this letter that the land does not belong to Saraswatibai.—T. S. WEIR, Acting Commissioner.

Proposed by Mulji B. Barbhaya, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 8716. "That the Corporation be recommended to inform Saraswatibai, wife of Mr. Gunputrao Pandurang, in reference to her petition, dated 31st August last, that she must satisfy the Municipal Solicitors by the production of title deeds and of the plan, that the land over which it is proposed to build, belongs to her; and that she must submit a fresh notice and plan for approval, as required by section 337 of the Municipal Act."

*Carried.*

No. 8717. *Resolved*: "That the consideration of the Acting Commissioner's letter No. 18071, dated 6th instant, regarding the proposed improvement of Pydhowni Police Station be postponed, until next meeting, and that, in the meantime, the Acting Commissioner be asked (1) to let the Committee see the letter of the Police Commissioner referring to the Police quarters; (2) to inform the Committee how the Fire Brigade Station at Pydhowni can be made over to the Police until the new Fire Brigade Station is ready; (3) whether the Fire Brigade Station will be permanently required for Police purposes; and (4) that all papers in the matter be circulated to the Committee."

No. 8718. *Resolved*: "That, as applied for by the Acting Commissioner in his memorandum No. 18214, dated 7th instant, and subject to the sanction of the Corporation, under Section 133 of the Municipal Act, sanction be given to the transfer of Rs. 6,000, from savings in D, road repairs and maintenance, cart hire and labour, including road scraping, bullock pairs, streets and buildings, Engineer's Budget, to 4, maintenance of steam rollers, carts and share of Persian wheels, &c., repairs, coals and stores, same head, same budget, the excess being consequent on the more general use of steam rollers in place of bullock rollers."

No. 8719. *Resolved*: "That, as applied for by the Acting Commissioner, in his memorandum No. 18235, dated 9th instant, and in lieu of the Resolution of the Committee's No. 7165, dated 30th September last,

sanctioning the serving of notice, under section 381 of the Municipal Act, on Haji Ahmed Haji Usman, requiring him to fill in the piece of low-lying ground at Chikulwadi, sanction be now given to the serving of such notice on Mr. Bhaishett Jugmohundas Vandrawandas."

*Resolved* : " That, as applied for by the Acting Commissioner, in his letter No. 18113, dated 6th instant, sanction be given, under Section 172 of the Municipal Act, to the charging of Rs. 4-9-10 for special halalkhor service, rendered to house No. 3174, Ridge Road, occupied by H. H. the Maharaja Gaikwar of Baroda, G.C.S.I., from 11th to 15th October last, both days inclusive."

No. 8720.

In accordance with notice, it was proposed by K. M. Shroff, Esq.—

" That the Acting Municipal Commissioner be requested to furnish information in regard to the ownership of the two plots of low-lying ground—(1) on the north of the Hospital for Contagious Diseases at Arthur Road, between DeLisle and Arthur Roads, and (2) on the south of the said hospital ; and should one of the two plots belong to the Municipality, the Commissioner be requested to furnish an estimate of the cost of filling it in, and to take steps to have the other filled in."

No. 8721.

The motion was seconded by the Hon'ble Mr. Javerilal U. Yajnik, and

*Carried.*

In accordance with notice it was proposed by Kaikhosro N. Kabraji, Esq.—

" That the Acting Commissioner be asked (1) whether he has received, and if so how many, complaints of the water supplied in Bombay containing leeches ? 2. Whether an inquiry has been made by the Commissioner and the Health Officer into the causes—*first*, of the existence of these worms in the lake, and *secondly*, of their reaching Bombay through the filter-beds already constructed in the lakes. 3. Whether he thinks the filter-beds to be defective ; if so, why are they so defective and what are the remedies he proposes to adopt to prevent this danger to public health through the existence of leeches in potable water."

No. 8722.

The motion was seconded by the Hon'ble Mr. Javerilal U. Yajnik, and

*Carried.*

*Resolved*: "That the following be laid on the table and brought on for consideration next week :—Progress Report of new works in course of construction up to the end of September 1891."

No. 8723.

Considered the following :—

To THE PRESIDENT OF THE MUNICIPAL CORPORATION,

*Bombay.*

SIR,—We, the undersigned owners of houses in and inhabitants of Duker Gully (Horta Baixa), beg most respectfully to lay before your honor the following grievances with a sincere hope that the Corporation will accord them their special attention and cause them to be removed as early as possible.

I. There is of late no proper water supply in the locality. Water does not rise to the first and second floors. This is believed to be due to three new connections having been made to the 3" pipe of the gully for supplying water to some houses in Shankerset's Oart. This could have been avoided if the connections were made to the main pipe rather than to the pipe of the gully, and this state of things will not improve until the aforesaid connections are cut off.

II. The road in the gully has always been in a disgraceful condition for want of metalling, but since the drain pipe has been laid on it has become worse. The undersigned think that it is the duty of the Municipality to keep the gully in good condition or at least to take such measures as will ensure the desired object.

III. The third grievance is want of light. One light is urgently required opposite the bakery or near the Cross. It is most likely that at night, particularly during the rainy season, men coming from opposite directions may strike against each other. No attention seems to have been given to this great inconvenience by the Lighting Department.

IV. There is a large stable of milch cattle, the tiled roof of which gave way during last monsoon. Since then the stable has been re-roofed with jaolies, thus rendering it dangerous both to health and property. It smells most abominably and makes the locality uninhabitable, specially in the mouths of August, September and October. The wall is also in a dilapidated condition, so much so that there are large holes on it and it threatens to fall in at any time. The petitioners therefore earnestly pray for the removal of the stable.

The above grievances have already been laid before the Municipal authorities, both by petition and individual letters, but nothing has been done up to date, hence this memorial.

In conclusion your petitioners fully hope that early attention will be given for the amelioration of the grievances complained, for which act of kindness they will be ever under obligation.—We beg, &c., NANA MOROJI, Justice of the Peace, and about 220 others.

BOMBAY, *24th July* 1891.

Submitted to the Standing Committee in accordance with the standing orders on the subject.

H. W. BARROW, Municipal Secretary.

Letter No. 14966, dated 28th September 1891, to the Secretary, as under :—

"SIR,—I have the honor to report, with reference to the Standing Committee's resolution No. 4541 of 30th July last, that the complaint about the scanty supply of water from the residents of Duker Gully has been temporarily removed by the shutting off of the flushing chambers supply except for one flush daily, but when the Tansa water is received in the City there will be no further cause for complaint. As regards their complaint of the bad condition of the road thereat, I beg to state that the road in question being a private one, the Standing Committee, under their resolution No. 4176 of 22nd July 1891, sanctioned the serving of notice under section 305 of the Act, calling on the house-owners of the locality to repair the same. With regard to the complaint of defective lighting, the lane is reported to be lighted with 2 lamps at present, but it is proposed to make arrangements to add a third lamp to improve the lighting thereat. As to their last complaint, action is being taken to remove the jaoli coverings and the decayed portions of the stable referred to.—I have, &c., T. S. WEIR, Acting Commissioner.

No. 8724. *Resolved* : "That, with reference to petition, dated 24th July last, from Messrs. Nana Moroji, P. Caldeiro, and other residents of Duker Gully, the Corporation be recommended to inform the petitioners that the complaint of the scanty supply of water has been temporarily removed, and that when the Tansa water is received in the City there should be no further cause for complaint regarding the water supply of the gully.

"That in regard to the bad condition of the lane which is a private one, notices have been served on the owners requiring them to repair the same, and that orders have been issued for the repair, at the cost of the Drainage Works contractor, of so much of the road as was damaged by the drainage works.

"The lane is reported to be at present lighted with two lamps, but it is proposed to add a third lamp to improve the lighting. That action is being taken to remove the jaoli coverings and the decayed portions of the stable referred to."

No. 8725. *Resolved* : "That the following be forwarded to the Acting Commissioner for favour of report :— Memorandum from the Municipal Secretary, submitting an application addressed to the Corporation by Mr. Ebrahimjee Allibhai Lungra, complaining that the sum of Rs. 10 deposited by him for opening a portion of the paved footpath at Parel Road, in connection with

the water service pipe of house No. 25 thereat, has not yet been returned to him, although the work has been done, and the footpath restored to its original condition."

*Resolved* : "That the following be forwarded to the Acting Commissioner for favor of report :—

No. 8726. Letter, dated 9th instant, from Mr. Ruttonji Muncherji Colah, requesting payment of Rs. 100, being balance claimed on account of 38 candies of baboolwood slabs supplied by his firm (Khimji, Colah & Co.) to the Municipal Workshop in February last."

*Resolved* : "That the following be *recorded* :—

No. 8727. Memoranda Nos. 17856 and 17857, dated 4th instant, from the Acting Commissioner, reporting, with reference to the resolutions of the Standing Committee, Nos. 5620 and 4484, dated 9th January 1889 and 3rd October 1888, the transfers of Rs. 12,500 and Rs. 1,03,231-7-11—(1) of Rs. 12,500 from the 5 per cent. Municipal Loans Sinking Fund deposit account to the 35 lakhs Various Sanitary Works loans deposit account, on 29th ultimo ; (2) of Rs. 36,905-13-11 from the Tansa loans deposit account No. 2 to the Municipal General Fund pass book, on 28th ultimo ; and (3) of Rs. 66,325-10-0 from the 35 lakhs Various Sanitary Works loan deposit account to ditto, on 30th idem.

"2. That the Acting Commissioner be requested in future cases to have a note to each such statement showing the balance remaining to the credit of each particular fund after such transfer is made."*

Considered the following :—No. 2624 of 1891-92, dated 10th November 1891, to the Acting Commissioner :—

Before expressing my opinion on each of the fourteen recommendations of appending to the Annual Report in future the various statements, reports, information, &c., referred to in the Corporation's resolution No. 8071, dated the 26th ultimo, it would be well if I first quoted the general provisions of the Municipal Act on the subject.

2. Section 123 of the Act prescribes : "Accounts of the receipts "and expenditure of the Corporation shall be kept in such manner "and in such forms as the Standing Committee shall from time to "time prescribe."

3. Section 124 (1) lays down : "The Commissioner shall, as "soon as may be after each first day of April, have prepared a "detailed report of the Municipal Administration of the City

* Para. 2 was added on the suggestion of the Hon'ble Mr. Javerilal U. Yajnik.

"during the previous official year, together with a statement "showing the amounts of the receipts and disbursements respect- "ively credited and debited to the Municipal Fund during the "said year and the balance at the credit of the fund at the close "of the said year."

4. Clause (2) of the same section further enjoins: "The Commissioner shall incorporate with his said report and statement—

(*a*). A report for the same period from each head of a department subordinate to him.

(*b*). The account of balances due on loans then last published under section 105, and shall cause the same to be printed.

5. It is finally provided in clause (3) of section 124: "After "examination and review of the said printed report and statement "by the Standing Committee, there shall be added to the compila- "tion printed copies of such of the appendices attached to the "reports of the several heads of departments, if any, as the Stand- "ing Committee direct, and a printed copy of the Standing "Committee's review: and a copy of the complete compilation "shall be forwarded," &c., &c.

6. It is clear from the above provisions—(1) that the Standing Committee has the power to prescribe the manner and forms of keeping accounts; (2) that the Commissioner has to print only (*a*) his annual report, (*b*) the statement of the receipts and disbursements of the Municipal Fund showing the balance at the end of the year, (*c*) the reports of heads of departments subordinate to him, and (*d*) the account of loan balances last published under section 105; and (3) that the Standing Committee has the authority given to them, presumably with a view to check printing expenses, of directing which of the appendices to departmental reports shall be added to the administration report to be forwarded to each Councillor.

7. I now proceed to deal with the different recommendations in their numerical order.

(1). I ascertained on enquiry from Mr. Watcha that he wants, in addition to statements A and B given at pages 6 and 7, two other statements showing the net income and net expenditure similar to those given to Parliament in the East India Financial Statement. These forms, if decided to be adopted, will have to be settled by the Standing Committee under the provisions of the Municipal Act quoted above.

(2). As verbally explained by me to Mr. Watcha, the interest and profit on the investments of the unexpended balances of loans must be credited to current revenue, out of which the full interest and sinking fund charges on the various loans are annually met. Crediting such interest and profit to the respective loans would not be quite correct, as it would give the Commissioner power to spend more funds on loan works than originally sanctioned by the Corporation and Government.

(3). Arrears of consolidated rates and wheel tax on account of past five years are shown separately from the collections of the year under report in account statement No. 3, *vide* page 110. Mr. Watcha, however, wishes that the total collections of past years and those of the year under reference be shown separately in statement A, page 6.

(4). Having suggested at page 48 of my report that for the reasons given at page 47, "Workshop receipts and disbursements should not in future be budgetted for as revenue and expenditure," Mr. Acworth settled, before he left Bombay in September last, that they should not be so shown in the Budget for 1892-93, and they have consequently not been included in that Budget already submitted to the Standing Committee.

(5). I have shown to Mr. Watcha from my reports, dated 24th July and 28th August 1891, and the Commissioner's orders, dated 27th July, 17th August and 5th September 1891, on the subject of the renewal of lapsed grants, that the matter has not escaped our attention.

(6). The sums annually voted by the Corporation in the Budget as Commissioner's discretional contingencies have been expended at his discretion to meet Municipal wants. If it be required to limit the Commissioner's discretion as proposed, a special vote of the Corporation at Budget time regarding the expenditure of the discretionary grant will be required. The explanation of the eight items of expenditure referred to are as under :—

*Item* (1)—N. M. Petit, Rs. 300.—This sum was paid from the Commissioner's discretional allowance as the balance of Rs. 10,308-12-10 of the grant for the Charni Road extension, out of which this sum was payable, was allowed to lapse in 1889-90. The amount remained unpaid, as Mr. Nusservanji wanted us to build a new wall which would have cost us about Rs. 600 ; the dispute was finally settled by the Commissioner last year.

*Item* (2)—Purshotam Shrikrishna, Rs. 37.—This sum being awarded by the Judge of the Small Causes Court as damages for pulling down walls of his chawl owing to a technical defect in the notice, had to be paid at once under the provisions of section 115 (*f*) of the Act and was debited to the discretional grant.

*Item* (3)—Municipal Solicitors, Rs. 301.—There being no special grant, the stamp duty on the new lease of the present Municipal Offices was paid out of this grant.

*Item* (4)—Municipal Solicitors, Rs. 220-7-3.—This item was also paid out of the discretional grant, there being no budget provision to meet payment of charges incurred for obtaining and sending copy of evidence taken before the Strand Improvement Committee.

*Item* (5)—Municipal Workshops, Rs. 161-6-6.—This bill for decorations at the Apollo Bunder in honour of the departure of Sir J. Fergusson and the arrival of Lord Reay had remained unadjusted since 1885, as the original copy forwarded to the Commissioner's Office was mislaid and the amount had appeared as

a Workshop outstanding for four or five years. A duplicate was obtained last year and adjusted out of the Commissioner's discretional contingent grant.

*Items* 6, 7 and 8—Rs. 215-4-9, Rs. 501-7-0 and Rs. 1,105-0-11.—These charges for a plinth of bears' cage, plinths for monkeys' cages and fencing for the deer, were sanctioned out of the available balance of the discretionary grant instead of obtaining extra grants for cages, &c.

(7). The Workshop's private works outstandings are very small and not worth reporting to the Corporation by the Auditors every quarter. Those on 31st March 1889 were Rs. 14-3-6, on 31st March 1890 Rs. 50, and on 31st March 1891 Rs. 513-2-10. I presume Mr. Watcha means the private works outstandings of the entire Engineer's Department (Water Works, Drainage, Roads and Workshops).

(8). As the Municipality charges to revenue or loans the full expenditure on movable and immovable property, a further annual provision in the budget for depreciation would appear as a double charge.

(9). I see no objection to the information being supplied, if decided by the Standing Committee.

(10). The competition is really healthy. As personally explained by me to Mr. Watcha, the additional rent, if paid by the holder in excess of the true value of the stall, won't fall on the consumers, but would be so much less profit, or perhaps a loss to the imprudent stall-holder who buys the stall at a high price.

(11). There is no objection to give the dates, if one or two, but when they are many, as in the case of the 44 lakhs loan and one of the Tansa instalments, in which cases the dates were respectively 59 and 14, perhaps it would meet all requirements if we stated that the loans were raised between such and such dates, giving the first and the last dates of the raising of such loans.

(12). There is no objection, so far as I can see, to the Engineer's Department furnishing in their report the additional information required.

(13). I presume there can be no difficulty in giving the number of accidents by tram cars from the Police records.

(14). As already pointed out by the Acting Commissioner in his No. 17223, dated the 26th ultimo, the publishing of all the reports referred to would be illegal and would involve unnecessary extra expenditure.—SORABJI NAVAROJI COOPER, Chief Accountant.

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No. 18115 OF 10TH NOVEMBER 1891.

Forwarded to the Standing Committee for information with reference to their resolution No. 8123, dated 28th ultimo.—T. S. WEIR, Acting Commissioner.

*Resolved* : "That memorandum No. 18415, from the
No. 8728. Acting Commissioner to the Secretary, dated 10th instant, be printed and brought on for consideration at next meeting."

*Resolved* : "That the consideration of the following be
No. 8729. further postponed till next week:—Letter No. 17414, dated 28th ultimo, from the Acting Commissioner, submitting, with reference to the resolution of the Committee, No. 7279, dated 7th idem, a list of the most emergent works necessary in connection with laying of water mains for the Tansa supply aggregating Rs. 4,53,265.

"2. That in the meantime, the Acting Commissioner be requested to have an additional column added to the present statement showing the sizes of the mains in the nine different localities and the population served by the same."

Read letter No. 18461, dated this day, to the Secretary, as under:—

SIR,—I have to suggest to the Standing Committee the provision of Rs. 600 for the appointment of an analyst for three months to examine the air in different localities of the Island. It must not be supposed that from examinations of the air, localities which are undrained be drained, or that the atmosphere near pools of sewage will be less impure, or that pools of sewage will be removed, or that the crowding of population in crowded houses and rooms will be less; but, nevertheless, the result will be interesting and suggestive. It is necessary to state distinctly the value of examination of the air, so that hopes and expectations may not be formed which cannot be realized.

Should the Standing Committee approve of my suggestion, I would ask the Chemical Analyser to Government to recommend an analyst.

The expenditure can be met from savings in the Health Department as per transfer statement attached.—Yours, &c., T. S. WEIR, Acting Commissioner.

Proposed by Cowasjee Hormusjee, Esq., seconded by the Hon'ble Mr. Fazulbhai Visram—

"That, as applied for by the Acting Commissioner in his
No. 8730. letter No. 18461, dated this day, and subject to the approval of the Corporation, under section 133 (2) of the Municipal Act, to the necessary transfer, sanction be given to the temporary appointment of an analyst on a salary of Rs. 200 per mensem for a period of 3 months to examine the air in different localities in the

Island. The amount to be met from savings in Conservancy Branch, Section I, Superintendence and Inspection, to Laboratory, Public Health Department budget."

*Carried*, by 5 *votes against* 3.

The consideration of the following items were postponed till next week :—

Letter from the Acting Commissioner, submitting the Budget estimates of income and expenditure for the year 1892-93.

Resolution of the Corporation, No. 706, dated 16th April 1891, as under :—

" That the figures prepared by Mr. Wacha and now handed in be forwarded to the Standing Committee and the Commissioner for their consideration when preparing the next budget."

Further consideration of letter No. 7796, dated 3rd July 1891, from the Commissioner, on the subject of the appointment of a Municipal Medical Examiner on a salary of Rs. 150 per mensem plus Rs. 45 as conveyance allowance—total Rs. 195 per mensem. (Consideration postponed till budget time, 2nd September 1891.)

Resolution of the Corporation, No. 6263, dated 3rd September 1891, as under :—

" That the question of filling up the low-lying portions of Victoria Gardens be dealt with by the Standing Committee when the Budget estimates for next year are being framed."

Resolution of the Corporation, No. 7575, dated 15th October 1891, as under :—

" That for the present sanction be given to the expenditure of Rs. 10,000 only to provide for the cost of repairing the Vehar pipe embankment between Sion and Kurla, but that the subject of the repairs generally (to the Tulsi embankment) be referred to the Standing Committee with a request that it may be considered at the next budget."

*Resolved* : " That the following be *recorded*:—Memorandum No. 18169, dated 7th instant, from the Acting Commissioner, forwarding return of fires as required under Section 364 of the Municipal Act."

No. 8731.

At Kumbharwada Road (Worli), Kamathipura 13th Lane, Nishanpada Street, Agar Bazaar (Parbhadevi Road), Arthur Road (Parel), Bapty Road, Parel Road, Elphins-

tone Road and Dharavi Road, forwarded with the Commissioner's memorandum No. 18169, dated 7th November 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 8th November 1891.

No. 8732. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 18378, dated 10th instant, sanction be given, under section 172 of the Municipal Act, to the charging of special halalkhor tax at the rate of Rs. 18-4-0 per mensem from 14th October 1891, against Mr. Oomer Jamal, contractor, in respect of the Government temporary stables erected on the Kennedy Sea Face at Charney Road."

No. 8733. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 18379, dated 10th instant, sanction be given, under section 172 of the Municipal Act, to the charging of special halalkhor tax at the rate of Rs. 42 per annum in respect of Mr. Jalbhai Ardeseer Sett's property, B ward, No. 4109 (1) and 4109 (2), Nowroji Hill reclamation compound."

No. 8734. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 18253, dated 9th instant the Corporation be recommended to sanction the payment out of surplus cash balance of Rs. 1396 to meet the cost of the erection of a 3 chamber latrine on the water closet system in the Victoria Gardens for the convenience of the public."

Read the following :—Letter No. 9199, dated 5th instant, to the Acting Commissioner :—

SIR,—In accordance with the Commissioner's instructions the augmented number of labourers upon the roads during the monsoon season has been reduced to their normal level, but as there are many roads, which require urgent attention and as there are large savings under the grant for the purchase of materials, I would put forward for your consideration the expediency of making a transfer of Rs. 8,000 to the head of labour so that these roads may be taken in hand.

The amount of savings under the grant for the purchase of materials up to the end of October is about Rs. 23,000 and there is no probability of my spending the whole of it for the purpose for which it was provided.

* See Appendix D. † See Appendix C.

A list of the worst of the roads that still remain to be taken, is herewith appended, and it will be seen that they are mainly in A, B and D wards. It has been impossible to take all the roads during the monsoon ; all those that could have been taken and most of the main roads are now complete, but the back roads in the Fort around the Docks and in parts of the native city are in a very unsatisfactory state and are in very urgent need of repair and I would ask the favor of your early sanction to the proposed transfer, while it is possible to re-employ the gangs that have been reduced with their Muccadums.—I have, &c.,

RIENZI WALTON,
*Executive Engineer.*

*Accompaniment.*

**A.** GHOGA STREET, ELPHINSTONE CIRCLE—

Bazar Gate Street ... ... ...
Bora Bazar ... ... ... ...
Carnac Road ... ... ... ...
Cowasji Patel Street ... ... ...
Church Gate Street ... ... ...
Medows Street ... ... ... ...
Gunbow Street ... ... ... ...
Gun Carriage ... ... ... ...
Pallow Road ... ... ... ...
Colaba Road ... ... ... ...
} Parts of

**B.** OOMERKHADY ROAD—

Musjid Bunder Road ... ... ...
Dongri Street ... ... ... ...
Elphinstone Bridge Road ... ...
Jail Road, East and North ... ...
Abdul Rahiman Street ... ... ...
Nagdevi Road ... ... ... ...
Frere Road ... ... ... ...
} Parts of

**D.**—

Gowalia Tank Road ... ... ...
Nepean Road ... ... ... ...
Churney Road ... ... ... ...
Girgaum Road ... ... ... ...
Girgaum Back Road ... ... ...
Sleater Road ... ... ... ...
Grant Road ... ... ... ...
Grant Road Bridge Approaches ...
Mugbhat Road ... ... ... ...
} Parts of

And a few Roads in G ward.

*Resolved* : " That, as applied for by the Acting Commissioner in his memorandum No. 18462, dated this day, and subject to the approval of the Corporation, under Section 133 of the Act, sanction

No. 8735.

be given to the transfer of Rs. 8,000 from savings in D, road repair and Maintenance 1, purchase of Materials, Executive Engineer's Budget, to Streets and Buildings, same head, 2, cart-hire and labour, including road scraping, labour, to meet the cost of repairs to certain portions of different roads essentially necessary."

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BOMBAY, 18*th November* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; DURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L. M. & S.

SURGEON-MAJOR T. S. WEIR, Acting Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the meeting held on the 11th instant, were signed.

No. 9082. The seal of the Corporation was affixed to (1) 10 attested duplicate debentures of the Sanitary Works Loan of 1885 of Rs. 500 each, Nos. 96NN, 240NN, 405NN, 465NN, 467NN, 468NN, 2518NN, 674NN, 675NN, and 1689NN; (2) to 4 attested duplicate debentures of the Tansa Water Works Loan of Rs. 500 each, Nos. 4891, 4892, 4893 and 4894; and (3) to 3 consolidated debentures of the Sanitary Works Loan of 1885 of Rs. 1,000 each, Nos. 1284-85, 1286-87 and 1288-89.

No. 9083. *Resolved* : "That, as applied for by the Acting Commissioner, in his memoranda Nos. 18534 and 18535, dated 12th instant, and No. 18675, dated 13th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Rungildass Bhookundass ... | No. 1, DeLima Street. |
| „ Vallibhoy Lalbhoy ... ... | Building at Tank Street. |
| „ Chutoorbhooz Morarji ... | No. 42-54, Vithalwadi." |

No. 9084. *Resolved* : "That, as applied for by the Acting Commissioner, in his memorandum No. 19035, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

*Resolved* : " That the following be *recorded* :—Letter
No. 9085. No. 18847, dated 16th instant, from the Acting Commissioner, reporting that he has accepted the tender of Messrs. Bhedwar & Co., the lowest of the three tenders received, for the work of filling in the compound of the Arthur Road Hospital at the rate of Rs. 2-6-0 per brass. The cost, Rs. 1,729, to be debited to the budget grant of Rs. 2,000."

*Resolved* : " That, as applied for by the Acting Com-
No. 9086. missioner in his letter No. 18741, dated 14th instant, sanction be given, under section 172 of the Municipal Act, to the charging of special halal-khor tax at the rate of Rs. 18-4-0 per mensem from 18th September last, in respect of the new Warrant Officers' quarters at Middle Colaba."

*Resolved* : " That, as applied for by the Acting Commis-
No. 9087. sioner in his letter No. 18848, dated 16th instant, the Corporation be recommended to sanction the payment from surplus cash balance of Rs. 775 to meet excess in the grant for Printing under section III, Contingencies, Stationery and printing, consequent on the cost of additional printing for the Annual Report for 1890-91."

*Resolved* : " That, as applied for by the Acting Commis-
No. 9088. sioner in his memorandum No. 18314, dated 9th instant, and under the Pension Rules, sanction be given to the payment of a compassionate allowance not exceeding Rs. 134-13-11 to Hasenbai, widow of Abdulla Mohideen, late mukadum, in the drainage department, and a contributor to the Pension Fund, who died on the 20th September last, after putting in 17 years' 3 months' and 10 days' service."

*Resolved* : " That, as applied for by the Acting Commis-
No. 9089. sioner, in his letter No. 18648, dated 13th instant, sanction be given to the erection of a small iron drinking fountain at the Victoria Gardens at a cost of Rs. 250. The amount to be met out of the Commissioner's discretional contingencies."

*Resolved* : " That, as applied for by the Acting Com-
No. 9090. missioner, in his letter No. 18586, dated 12th instant, sanction be given to a further refund

of Rs. 11-12-0 being made to Mr. Sorabji Nowroji Moosa, cart and bullock contractor, being the amount of toll fees paid by him up to 21st July last, to which date the toll tickets were missing."

No. 9091. *Resolved* : "That the further consideration of the following be postponed and brought on at a subsequent meeting:—Letters Nos. 18071, dated 6th instant, and 19092 of this day's date, from the Acting Commissioner, on the subject of the Fire Brigade quarters at Paidhowni required for Police purposes."

Considered the Progress Reports, up to the end of September 1891, of new works now in course of construction.*

No. 9092. *Resolved* : "That the following be *recorded* :—Progress Report of new works in course of construction up to the end of September 1891.

"2. That, as regards future reports, the Commissioner be requested to state against such works as have been completed, whether the accounts of the same have been finally adjusted or not.

"That the Commissioner be also asked to have works such as the Kamathipura privy connections, &c., which were sanctioned in 1880 and 1881, placed in a separate list with explanatory notes as to the causes of delay in completion."

No. 9093. *Resolved*: "That the following be *recorded*:—Memorandum No. 18352, dated 10th instant, from the Acting Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 57,370-8-1—(1) of Rs. 18,075 from the new Sanitary Works loan deposit account No. 1 to the Municipal General Fund pass book on 3rd instant ; (2) of Rs. 20,000 from ditto No. 2 to ditto, on ditto ; and (3) of Rs. 16,483-4-11, from the Municipal Building Fund deposit account to ditto, on ditto ; and (4) of Rs. 2,812-3-2 from the Tansa Loan deposit account No. 1 to ditto on ditto."

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* *See* Appendix D.

*Resolved* : "That letter, dated 14th instant, from Mr. Framjee Aderjee, on the subject of his drainage scheme, be forwarded to the Acting Commissioner for report in continuation of the Committee's resolution No. 8374, dated 4th idem."

No. 9094.

*Resolved* : "That the following be forwarded to the Acting Commissioner for report:—Memorandum from the Municipal Secretary, forwarding letter addressed to the Corporation by Messrs. Hadji Cassum Mitha, Tulsidas Bhawanidass and Jakeria Essa, stating that one Motiram Dyram Durjee is building a house at Kala Chowki Road with old materials."

No. 9095.

*Resolved* : "That the following be forwarded to the Acting Commissioner for favour of report :—Memorandum from the Municipal Secretary, forwarding petition addressed to the Corporation by the inhabitants of Bhuleshwar Ward, complaining of the scarcity of water supply thereat."

No. 9096.

*Resolved* : "That items Nos. 16, 19, 20, 21, 22 and 23 be struck out of the agenda paper and considered with the Budget Estimates."

No. 9097.

Considered the following :—Letter No. 18689, dated 13th instant, to the Secretary, as under :—

SIR,—With reference to the Standing Committee's resolution No. 8729 of the 11th instant, I have the honour to forward herewith a statement giving the information required, and to draw the attention of the Standing Committee to the foot-note made by the Engineer.—I have, &c.,—T. S. WEIR, Acting Commissioner.*

* See pages 446 and 447 of the Proceedings of the Standing Committee, dated 4th instant.

| *Proposed* District. | *Old.* How served at present. | Approximate population affected. |
|---|---|---|
| 24″ Main from Parel Road along Kala Chauki Road, Sivri (Jakaria Bunder Road), new Golanji Road to Sewri Cemetery. | By an old 3″ pipe, excepting Kala Chauki Road where there is a water main supplying Kala Chauki Road, Parel Tank Road, Sivri Jakaria Bunder Road, Ghorapdeo Road and Albert Road. | 30,000 |
| 18″ Main from Kala Chauki Road along Ghorapdeo Road and Mount Road to Bhandarwada Reservoir. | Old 3″ to 6″ pipe ... ... ... ... .. | 26,000 |
| 18″ Main from Girgaum Road to Dongri Street along Kalbhat, new Hanuman, Janjikar and Dongri Streets, and to supply the mains in the streets intersecting these. | Present pipes 3″ to 6″ insufficient for fire purposes even when charged at full pressure. | 1,20,000 |
| 18″ Main Hornby Road from Frere Fountain to Bor Bundar. | 4″ to 6″ pipe. New main required also to feed Gunbow Street, 12″ pipe. | 38,000 |
| 12″ Main Paltan Road and Chakla Street from Hornby Road to Janjikar Street. | No main in Paltan Road at present. In Chakla Street only old 4″. | 10,000 |
| 9″ Main in Nagdevi and Chakla Streets between Janjikar Street and Musjid Bridge Road. | Old 3″ to 5″ pipe ... ... ... ... ... | 5,000 |
| 9″ Main in Tank Bundar Road (part of) from Coppersmith Street, Mazagon. | No mains at present ... ... ... ... | 3,000 |
| 32″ Main from Grant Road through Kamathipura to Bellasis Road, being part of the main required to bring Tansa water into this locality from Chinchpokli. | 6″ main in Kamathipura, Kharshedji Suklaji Street, 4″ in Pellasis Road. | Over 1,00,000 north of Grant Road, and the whole native city south.<br>NOTE.—The present population of itself would be a misleading basis upon which to formulate proposals for water-supply. Such things as fire-supply, large demand for trade purposes and development of district have to be considered and in several cases above the value of the proposed mains as emergency mains to supply other districts in case of interruption to the usual means of supply must be considered. |

Proposed by K. M. Shroff, Esq., seconded by A. G. Viegas, Esq.—

No. 9098. "That a Sub-Committee be appointed to enquire into, and report on, the question of laying new water mains included in the list accompanying the Acting Commissioner's letters Nos. 17414, dated 28th October, and 18689, dated 13th instant.

"The Chairman (Mr. E. B. Carroll), the Hon'ble Mr. Javerilal U. Yajnik, Mr. Cowasjee Hormusjee, Mr. Abdalla M. Dharamsi."

*Carried* by 8 votes *against* 1.

The following statement was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 15th November 1891.*

No. 9099. *Resolved* : "That, as applied for by the Acting Commissioner in his letter No. 19061, dated 18th instant, sanction be given to the acceptance by him of the tender of Messrs. John Fleming & Co., the lowest of the three tenders received, for the supply of water meters and fittings at schedule rates aggregating Rs. 13,840-10-0. The amount to be debited to the sanctioned advance of Rs. 2 lakhs for the purchase of water mains, fittings, &c."

THE CONSIDERATION OF THE BUDGET ESTIMATES WAS PROCEEDED WITH.

Colonel Merewether moved that the estimates of expenditure be proceeded with first, and the proposition was *carried* by 6 votes *against* 5.

Mr. Kaikhosro N. Kabraji raised the point of order that the Acting Commissioner's estimates did not comply with the terms of the by-laws of the Joint Schools Committee, which provide that the Commissioner "shall include" in his estimate of expenditure the amount of contribution required from the Municipal Fund "to enable" the Joint Schools Committee, with other receipts, to make up the total amount of income required by the Committee.

The Chairman said that Mr. Kabraji could urge this point if he wished, when the question of the grant for Primary Education was considered. Under the terms of section 126 (1) of the Act, the Standing Committee were

* *See* Appendix C.

empowered to make such modifications and additions to the estimate as they thought fit. Moreover, if there was an informality in regard to the estimate for the Joint Schools Committee, that informality could be set right by the Standing Committee.

Proposed by the Hon'ble Mr. Javerilal U. Yajnik—

No. 9101. "That a column be added in future to the budget statements, showing the revised estimates for the then current year based on the actuals of the first six months of the year."

The Acting Commissioner promised to report on the proposal in time for the next meeting.

Proposed by K. M. Shroff, Esq.—

No. 9102. "That a general statement of Income and Expenditure of the Municipality, under principal heads of revenue and expenditure, including debts as per form herewith supplied, be printed in two columns, side by side and included in the Budget, and that the opening balance be added at the foot of the total for income, and the closing balance at the foot of the total expenditure."

The motion was seconded by Accacio G. Viegas, Esq., and *Carried.*

It was agreed that the new statement in the form handed in by Mr. Shroff be inserted as the first "Statement."

On the proposal of the Chairman it was agreed that "No. 1 detailed statement, Income," and "No. 2 detailed statement, Expenditure," be called "Summary of Income and Summary of Expenditure," and that "No. 1 detailed statement" be that of the Corporation and Standing Committee's Establishment.

It was agreed that, except in the case of the Commissioner's own office, the employment of the grade of "boy peons" on rupees six per mensem be continued in all other departments, such boys in course of time being eligible to receive Rs. 9 a month and afterwards Rs. 10 a month as selected from time to time.

*Corporation and Standing Committee Establishment—Detailed Statement No.* 1.

Proposed by Mulji B. Barbhaya, Esq., seconded by Harkisondas Nurrotumdas, Esq.—

No. 9105. "That the estimate of expenditure for this department for the year 1892-93 be passed at Rs. 54,964."

*Carried.*

The increases are as under:—

| | | |
|---|---|---|
| Establishment owing to provision having been made for the employment of 2 additional peons, on Rs. 9 per mensem each ... ... ... ... ... | Rs. | 216 |
| Sanctioned increment to office manager... ... ... | „ | 240 |
| Printing, advertisements, stationery and contingencies... | „ | 3,000 |
| Clothing ... ... ... ... ... ... ... | „ | 160 |
| | Rs. | 3,616 |

*(The grant for the current year is Rs.* 51,348.)

*Municipal Commissioner's Personal Office Establishment.—Detailed Statement No.* 2.

On the motion of the Hon'ble Mr. Javerilal U. Yajnik, seconded by Accacio G. Viegas, Esq., it was—

No. 9106.

*Resolved* by 5 votes *against* one vote "that the entry 'Deputy Municipal Commissioner under section 58 of the Act' be struck out."

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified, under section 79 (2) of the Act, to allow of the following additions to the said schedule :—

| | | |
|---|---|---|
| 3 Peons on Rs. 10 per mensem each ... ... | Rs. | 360 |
| 6 „ „ „ 9 „ „ instead of 3 on Rs. 8 and 3 on Rs. 6 each—Increase in pay per annum ... ... ... ... ... ... | „ | 144 |

"That the estimate of expenditure for this department for the year 1892-93, be passed at Rs. 53,428, as per detailed statement No. 2 and schedule attached thereto."

*Carried.*

The increases are as under :—

| | | Rs. | a. | p. |
|---|---|---|---|---|
| Number of peons increased from 11 to 14, or 3 peons on Rs. 10 per mensem each ... ... | | 360 | 0 | 0 |
| Increase consequent on the provision made for 6 peons on Rs. 9 per mensem each, instead of 3 on Rs. 8 and 3 on Rs. 6 each... ... ... ... | | 144 | 0 | 0 |
| | Rs. | 504 | 0 | 0 |
| Sanctioned increment of the personal allowance to Head Clerk ... ... ... ... ... | | 240 | 0 | 0 |
| Contingencies, &c., clothing ... ... ... | | 352 | 0 | 0 |
| | Rs. | 1,096 | 0 | 0 |

*(The grant for the current year is Rs.* 52,332.)

It was agreed that the next meeting of the Committee be held at 2-30 P.M., on the 25th instant, instead of at 3 P.M.

BOMBAY, 25*th November* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.

H. A. ACWORTH, Esq., C.S., Commissioner; the CHIEF ACCOUNTANT; the ASSESSOR AND COLLECTOR OF MUNICIPAL RATES AND TAXES; and the SECRETARY.

The Minutes of the Meeting held on the 18th instant, were signed.

*Resolved* : "That the following be *recorded* :—Memorandum No. 19499, from the Commissioner, forwarding copy of letter No. 19498 to Government as under : —Sir,—We have the honor to report that we this day, after office hours, respectively delivered over and received charge of the office of Municipal Commissioner for the City of Bombay.—We have, &c., T. S. WEIR, H. A. ACWORTH."

The seal of the Corporation was affixed to deed of contract with the Indian Patent Stone Company for the work of paving certain footpaths.

No. 9304. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19694, dated this day, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Goolam Hoosein Mooray ... | Building at Ripon Road, Safrabadi Moholla." |

No. 9305. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19710, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Considered memorandum No. 19579, dated 24th instant, from the Commissioner, forwarding an application from Mr. Rienzi Walton, Executive Engineer, for two months' privilege leave from the 5th December 1891.

No. 9306. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19579, dated 24th instant, sanction be given to two months' privilege leave being granted to Mr. Rienzi Walton, Executive Engineer, from 5th December 1891."

Read letter No. 9300, dated 24th instant, to E. B. Carroll, Esq., M.I.C.E., Chairman of the Committee as under :—

SIR,—I have the honour to request that the Standing Committee will recommend the Corporation to sanction the payment out of surplus cash balance of the sum of Rs. 5,000 to meet printing and advertising charges for this office up to the end of the current financial year, including the cost of printing, reprinting and advertising the Building By-laws and the By-laws relating to the election of members of the Standing Committee, &c.

The Budget provision for the current year is for—

| | | |
|---|---|---|
| Printing ... ... ... | Rs. | 7,700 |
| Advertising ... ... ... | „ | 2,700 |
| | Rs. | 10,400 * |

Whereas the charges up to September 30th amounted to—

| | | | | |
|---|---|---|---|---|
| For printing... ... ... | Rs. | 7,104 | 3 | 3 |
| Advertising ... ... ... | „ | 2,942 | 6 | 4 |
| | Rs. | 10,046 | 9 | 7 |
| Further bills received for October ... ... ... | „ | 1,281 | 5 | 11 |
| Total | Rs. | 11,327 | 15 | 6 |

*Deducting* Rs. 11,327-15-6 from the total of Rs. 16,400, the balance remaining for charges from 31st October to the end of the current year will be Rs 5,072-0-6.

The average charge for printing the Standing Committee's Proceedings amounts to about Rs. 50 a week, while that for the Corporation Proceedings comes to about Rs. 36. Besides there is the cost of printing sundry reports and returns, &c. Up to 30th September, these last mentioned charges alone amounted to about Rs. 2,200.

The average cost of advertising and notifying by post-cards meetings of the Corporation is Rs. 430 per mensem or Rs. 5,160 per annum. The cost of printing and re-printing the budget estimates for 1892-93 has also to be taken into account, as this charge amounts to about Rs. 500.—I have, &c., H. W. BARROW, Municipal Secretary.

*Resolved :* "That the Corporation be recommended to sanction the payment from surplus cash balance of Rs. 5,000 to meet additional printing and advertising charges of the Corporation and Standing Committee's Office up to the end of the currrent financial year, including the cost of general advertising and printing and

No. 9307.

* Plus Rs. 1,000 sanctioned on the 12th February 1891 for printing the Report of and evidence taken by the Defalcations Committee.

of printing, reprinting and advertising the Building By-laws and the By-laws relating to the election of members of the Standing Committee, &c."

No. 9308. *Resolved :* "That, as applied for by the Acting Commissioner in his memorandum No. 19360, dated 20th instant, sanction be given to the transfer of Rs. 197-8-0 from savings in IV, Streets and Buildings, section II, purchase of office furniture, to I, General Supervision and Miscellaneous Duties, section IV, purchase of books and periodicals, Engineer's Budget, to meet the cost of purchasing proceedings of the Institution of Civil Engineers, Vols. 32 to 105, inclusive."

No. 9309. *Resolved :* "That, as applied for by the Acting Commissioner in his memorandum No. 19247, dated 19th instant, sanction be given to the transfer of Rs. 90 from savings in streets and buildings, B, public lighting branch, section 2, gas lighting, F, contingencies, to same head, A, inspection and supervision, section I, establishment, to meet pay of the muccadum appointed to look after the 6 automatic pressure-gauges for gas and to keep them clean, &c."

No. 9310. *Resolved :* "That the following be *recorded* :—Letter No. 19461, dated 21st instant, from the Acting Commissioner, reporting that he has sanctioned the purchase of 262 tree-guards for roadside trees, from Messrs. Richardson & Cruddas. The cost, Rs. 2,345, to be met out of the budget grant of Rs. 3,500 for roadside trees, fencing and maintenance."

No. 9311. *Resolved:* "That the following be *recorded* :—Letter No. 19448, dated 21st instant, from the Acting Commissioner, reporting that he has accepted the tender of Mr. Makundrao Limbajee, the lower of the two tenders received, for the construction of the refreshment room in the Victoria Gardens. The amount, Rs. 2,455, to be met out of the sanctioned grant of Rs. 2,727 for the work in question."

No. 9312. *Resolved :* "That, as applied for by the Acting Commissioner in his memorandum No. 19095, dated 18th instant, and under the Pension Rules, sanction be given to the payment of a compassionate allowance, not exceeding Rs. 241-13-0, to Savitribai, widow of Raoji Kadam, Sub-Inspector, Water Works Department, who

was a contributor to the Pension Fund, and died on the 8th August 1891 after putting in 22 years, 1 month and 13 days' service."

In accordance with notice it was proposed by Mulji B. Barbhaya, Esq.—

No. 9313. "That the Commissioner be asked under whose orders does the present Fish Market exist on the Chowpatty sea-shore, whether any license has been granted under section 394 of the Municipal Act, and that he be requested to enquire whether it is practicable to abate the nuisance arising therefrom."

The motion was seconded by the Hon'ble Mr. Javerilal U. Yajnik.

The Commissioner expressed some doubt as to whether the fishermen referred to can be proceeded against under section 410 of the Act, but said he would look into the matter and enquire whether some other arrangement can be made for carrying on the trade without nuisance to the passers by.

In accordance with notice it was proposed by K. M. Shroff, Esq.—

No. 9314.* "That the Municipal Commissioner be requested to obtain counsel's opinion in regard to the question whether section 521 of the Municipal Act, in the chapter of supplemental provisions in relation to section 21 of the Indian Penal Code, applies to all Municipal servants employed before the present Municipal Act came into force, inasmuch as the counsel who defended Enoch Solomon laid great stress on the point, and the presiding Magistrate has not alluded to it in his judgment."

The motion was seconded by Cowasjee Hormusjee, Esq.

*Carried.*

No. 9315. *Resolved*: "That, as applied for by the Acting Commissioner in his letter No. 19081, dated 18th instant, the Standing Committee hereby approve, under the terms of section 185 of the Municipal Act, of his compounding with the owners of licensed public conveyances for the payment of wheel-tax for the calen-

* *Note.*—The first para. of the notice as follows was withdrawn by Mr. Shroff:—

"That the Municipal Commissioner be requested to hold a departmental inquiry in regard to the charge of black-mailing, brought against Enoch Solomon, a Sub-Inspector of Markets, and to report the result of such an inquiry to the Standing Committee, with his opinion as to the desirability or otherwise of allowing the man to continue in Municipal service, though his acquittal was merely due to certain doubts the Magistrate had as to his guilt."

dar year 1892 on the following terms :—For each labour cart with one pair of bullocks, Rs. 20 per annum, the monsoon quarter (July, August and September) not to be charged for. For each victoria and two horses, Rs. 63 for the whole year ; no deduction to be allowed for the monsoon months. For each *reckla* with one pair of bullocks, Rs. 20 for the whole year; no deduction to be allowed for the monsoon months."

No. 9316. *Resolved* : " That the following be *recorded* :—Letter No. 19132, dated 18th instant, from the Acting Commissioner, reporting, with reference to the provision of Rs. 4,180 in the current year's budget for the erection of a 12-chamber latrine and two urinals in Gilder Street, that it is proposed to construct a 6-chamber latrine and a 6-chamber urinal instead."

No. 9317. *Resolved :* " That, as applied for by the Commissioner in his memorandum No. 19695, dated this day, sanction be given to the payment to Sheik Hasan bin Sheik Oosman of Rs. 190 for petty works in connection with the filling in of low-lying portions of Sewri Cemetery being met out of the available balance of the grant sanctioned for that work."

No. 9318. *Resolved :* " That, as applied for by the Acting Commissioner in his memorandum No. 19466, dated 21st instant, and in lieu of the rate of Rs. 20 per square yard sanctioned by the late Town Council on the 7th October 1885, for the 4·44 yards of land acquired from the property of Mr. Vallubdass Bhugwandass at No. 19, Bhoiwada 3rd Street, sanction be now given to the payment for the said land at the rate of Rs. 50 per square yard."

No. 9319. *Resolved :* " That, as applied for by the Acting Commissioner in his letter No. 19073, dated 18th instant, and in lieu of the rate of Rs. 34-8-0 per mensem sanctioned in the Committee's resolution No. 4175, dated 22nd July last, for special halalkhor service to the Standard Mills, sanction be now given to the said tax being increased to Rs. 77-12-0 per mensem from 27th August 1891."

No. 9320. *Resolved* : " That, as applied for by the Acting Commissioner in his letter No. 19313, dated 20th instant, sanction be given to the charging from 1st October 1891 of special halalkhor tax in respect

of the several Mills and large works included in the statement accompanying the same and at the rates mentioned in column 8 thereof."

*Resolved* : "That the following be *recorded* :—Memorandum No. 19354, dated 20th instant, from the Acting Commissioner, forwarding Government Resolution No. 6089, Judicial Department, dated 14th idem, sanctioning as per the terms of section 62 (*b*) of the Municipal Act 3 of 1888, the budget estimate by the Commissioner of Police of the expenditure on account of the public land conveyance, Licensing Department, for 1892-93, at Rs. 9,284." No. 9321.

The following was *withdrawn* by the Commissioner :—Memorandum No. 19479, dated 21st instant, from the Acting Commissioner forwarding letter No. D 5016, dated same day, from the Executive Engineer, reporting that the bridge at Arthur Road over the main drain having been found to be in a dangerous condition, orders have been given, in anticipation of sanction, for its immediate repair. No. 9322.

Considered the following :—

No. 4797 OF 1891-92.

BOMBAY, 11*th November* 1891.

TO THE ACTING COMMISSIONER.

SIR,—I have the honor to report that no complaints have been received in this department as to leeches being found in the water supplied to the City nor in the pipes or service reservoirs in the City.

2. There are leeches in the lakes, and I know of no practicable means less objectionable than their presence of preventing their growth or of removing them.

3. In consequence of the greatly increased demand for water in the City and the insufficient capacity of the mains to deliver more at high pressure from the lakes to the City, the Vehar water has been distributed at lower pressure for the last few years unfiltered, in order to increase the quantity. This has been frequently reported to the Health Officer, the Municipal Commissioner and the Standing Committee and the Corporation. If the water were now all sent to the filters the quantity supplied to the City would be two millions of gallons daily less than at present.

4. I can only once more draw attention to the insufficient area of our filters which, however, are not so far as they go defective and to the repeated recommendations which have been made for their extension.

5. One of the proposals in the Budget just being submitted to the Standing Committee is to cover over the settling basin and construct additional filters at Bhandarwada Reservoir—a proposal which to Sir John Fowler, who was consulted by the Corporation in 1889, seemed a judicious mode of obtaining additional filtering area.

6. Having regard to the detailed reports on this subject which have been before the Corporation I need only add that if the proposals recommended and more especially if my recommendation to use polarite is adopted there would be no reason to anticipate that the water supplied to the City will be found objectionable or deleterious.—I have, &c., RIENZI WALTON, Executive Engineer.

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No. 19244 of 1891-92.

19*th November* 1891.

Forwarded for the information of the Standing Committee.

T. S. WEIR, Acting Commissioner.

No. 9323. *Resolved:* "That the following be *recorded*:—Memorandum No. 19244, dated 19th instant, from the Acting Commissioner."

No. 9324. *Resolved:* "That the Corporation be recommended to inform Mr. Ebrahimjee Allibhai Lungra, in reply to his petition, dated 5th November 1891, that as he did not produce the receipt for the Rs. 10 deposited by him for opening the footpath at Parel Road, until the 12th instant, the money could not be returned to him at the moment by the Chief Accountant from whose office applicant obtained the refund on the 20th instant."

No. 9325. *Resolved:* "That Mr. Bomonji A. Dalal, grain contractor, be informed, in reply to his application, that the Committee cannot commit themselves to any undertaking in respect of the contract for the supply of grain during 1892-93."

No. 9326. *Resolved:* "That the following be laid on the table: Letter, dated 23rd instant, from Messrs. Ardesir Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and disbursements at the end of each week for the month of October last and compared them with the ledgers and journals and found them correct. Forwarding summary and statement of their scrutiny of the accounts."

*Resolved :* "That the following be *recorded* :—Memorandum No. 19093, dated 18th instant, from the Acting Commissioner, forwarding analyses of water delivered in the city as under" :—

No 9327.

*Sample of filtered Vehar water obtained from the distributing basin of the Bhandarwada Hill Reservoir, on the 30th October* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia | ·005 |
| Albumenoid Ammonia | ·075 |
| | Grs. per gallon. |
| Chlorine | ·9 |

*Sample of unfiltered Vehar water obtained from the settling basin of the Bhandarwada Hill Reservoir, on 30th October* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia | ·002 |
| Albumenoid Ammonia | ·12 |
| | Grs. per gallon. |
| Chlorine | ·9 |

*Sample of unfiltered Tulsi water obtained from the inlet well of the Malabar Hill Reservoir, on 30th October* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia | ·004 |
| Albumenoid Ammonia | ·09 |
| | Grs. per gallon. |
| Chlorine | ·9 |

*Sample of filtered Tulsi water obtained from the distributing Tank of the Malabar Hill Reservoir on 30th October* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia | ·006 |
| Albumenoid Ammonia | ·09 |
| | Grs. per gallon. |
| Chlorine | ·9 |

*Sample of Pawai water obtained from the lake near outlet tower on 2nd November* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia | ·002 |
| Albumenoid Ammonia | ·09 |
| | Grs. per gallon. |
| Chlorine | ·8 |

The following return was read and *recorded* :—

Return of fires at Mahaluxmi (Hindustan Mill), Abdul Rehman Street and Moonglachi Road (Lady Jamsetji Road), forwarded with the Commissioner's memorandum No. 18850, dated 16th November 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 22nd November 1891.

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* *See* Appendix **E.** † *See* Appendix **C.**

*Resolved* : " That, as recommended by the Commissioner in his memorandum No. 19677, dated 24th instant, sanction be given to the acceptance of the tender of Messrs. Richardson & Cruddas (the lower of the two tenders received) for the whole work of supplying engines and fittings and carrying out the following works in the new Municipal Office Buildings at the following amounts :— No. 9329.

| | Rs. | a. | p. |
|---|---|---|---|
| For engine house pump and boiler ... | 7,552 | 2 | 1 |
| Fire service ... ... ... ... | 31,061 | 10 | 0 |
| Water supply ... ... ... ... | 13,314 | 14 | 3 |
| Sewage drainage with fittings (including employment of skilled plumber from England, Rs. 3,299) .... ... | 36,284 | 13 | 11 |
| Surface drainage... ... ... ... | 3,332 | 6 | 5 |
| Hydraulic lift ... ... ... ... | 16,955 | 7 | 7 |
| Garden compound wall, railings, &c. ... | 18,733 | 6 | 1 |
| Electric lighting ... ... ... ... | 54,029 | 13 | 11 |
| Fire and thief-proof doors to strong room. | 3,200 | 0 | 0 |
| Extra for galvanized wrought-iron piping. | 653 | 7 | 7 |
| (say) | 1,85,118 | 0 | 0 |

" That the excess of Rs. 982 over the sanctioned estimate of Rs. 1,84,136 be met from the grant for contingencies for the work."

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

" That, as recommended by the Commissioner, sanction be given to the acceptance of Mr. Dhunjibhai Framji's offer for the construction of three valve houses or siphon No. 6, Tansa Water Works duct, at a total cost of Rs. 9,600. The amount to be met out of the provision of Rs. 1,00,000 for the construction of valve house cabins on all siphon heads, &c. No. 9330.

" That under the terms of section 72 (3) of the Municipal Act, the Standing Committee dispense with the invitation for tenders which would otherwise be necessary as the work is reported to be emergent and as advertising for tenders would involve delay without any corresponding advantage in the rates."

*Carried*, with one dissentient.

The consideration of the Budget Estimates for 1892-93 was proceeded with.

Read letter No. 7796, from the Commissioner, to the Secretary, dated 3rd July 1891, as under :—

SIR,—The system under which medical certificates in support of applications for leave and pension are at present obtained in the Municipality seems to me a radically unsound one, and in the interests of the Corporation as well as of its officers and servants to require amendment. A gentleman bearing the title of Municipal Medical Examiner exists, and all applicants are supposed to apply to him for certificates, themselves paying him a fee of Rs. 5 if their pay is above Rs. 50, or having the same fee paid to him out of the contingencies of their departments if it is Rs. 50 or less. As a matter of fact, the rule requiring that certificate shall be obtained from the Municipal Medical Examiner is one that has never been rigidly enforced, but this might be done in future. The system, however, is itself objectionable as would be any system which made the Medical Examiner dependent for his remuneration upon the individual to be examined. For at least ten years this post was held by Dr. Blaney; but that gentleman always refused to accept fees, and discharged this troublesome duty gratis, so that the objections I refer to could not possibly arise. Such disinterestedness as this, however, (which I here am happy to acknowledge, but which I cannot but think deserves some acknowledgment from the Corporation) is more than the Corporation can habitually reckon on, and the duty requires to be provided for in the regular practical course. What I venture to suggest is this : that a medical man be appointed on a salary of Rs. 150 with Rs. 45 conveyance allowance by the title of Municipal Medical Examiner, from whom alone certificates in support of sick leave or pension (saving the powers of the Medical Board) should be accepted, that all applicants, if their state of health admits of it, should go to him for the necessary certificate, or if it does not, that he should on receiving a requisition to that effect visit them, that he should not be debarred from private practice, but should not be allowed to keep a dispensary or to number among his patients any Municipal officer or servant or receive any remuneration from them whatsoever. This project, as it appears to me, will place affairs upon a sound footing and will be in every respect to the advantage of the Municipality.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by A. G. Viegas, Esq.—

"That the Commissioner be requested to furnish a statement showing the total amount of fees paid to the Municipal Medical Examiner up to date."

*Not seconded.*

*General Office Establishment—Detailed Statement No. 3.*

Proposed by Mulji B. Barbhaya, Esq., seconded by Cowasjee Hormusjee, Esq.—

"That the schedule of appointments framed under section 79 of the Muncipal Act, already sanctioned by the Standing Committee, be modified under section 79 (2) to allow of the following addition thereto :—

No. 9331.

"1 Medical Examiner on Rs. 150 per mensem, plus Rs. 45 per mensem as conveyance allowance, Rs. 2,340.

"That this estimate be passed at Rs. 24,668 as per detailed statement No. 3, and schedule attached thereto."

*Carried*, with one dissentient.

(*The grant for the current year is Rs.* 22,208.)

*Accounts and Expenditure, Audit Establishment—Detailed Statement No. 4.*

Proposed by Cowasjee Hormusjee, Esq., seconded by Colonel Merewether—

"That the schedule of appointments framed under section 79 of the Act, already sanctioned by the Standing Committee, be modified under section 79 (2) of the Act to allow the following additions to the said schedule :—

| | | |
|---|---|---|
| Two peons on Rs. 10 each per mensem | ... | Rs. 240 |
| One do. 9 do. do. | ... | „ 108 |
| | Rs.... | 348 |

"That the estimate of expenditure for this department be passed at Rs. 57,328 as per detailed statement No. 4 and schedule attached thereto."

*Carried.*

The increases are as under :—

| | | |
|---|---|---|
| Two peons on Rs. 10 each per mensem... | Rs. 240 | |
| One peon on Rs. 9 per mensem... ... | „ 108 | |
| | | 348 |
| Increments allowed to establishment within sanctioned limits as per schedule of 1890-91 | ... Rs. | 540 |
| Printing charges... ... ... ... | ... „ | 300 |
| Clothing ... ... ... ... ... | ... „ | 352 |
| | Rs. | 1,540 |

(*The grant for the current year is Rs.* 55,788.)

*Assessment and Collection Department—Detailed Statement No. 5.*

PROPERTY AND WHEEL TAX ESTABLISHMENT.

Read letter No. 20465, dated 19th December 1890, from the Assessor and Collector, to the Commissioner, asking for the appointment of three additional assistant ward superintendents.*

Mr. Viegas proposed that the entries of three additional assistant ward superintendents and five extra clerks be struck out, but this proposal was not seconded.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotamdas, Esq.—

"That the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified under section 79 (2) to allow of the following additions to the said schedule :—

| | | | |
|---|---|---|---|
| 1 | Assistant Superintendent on Rs. 110 per mensem ... ... ... ... | ...Rs. | 1,320 |
| 2 | Assistant Superintendents on Rs. 90 each per mensem ... ... ... ... | „ | 2,160 |
| 3 | Clerks on Rs. 35 per mensem each ... | „ | 1,260 |
| 2 | „ „ 30 „ „ ... ... | „ | 720 |

"That the grant for head-quarters office and ward inspection office be passed at Rs. 1,42,482."

*Carried*, with one dissentient.

The grant for Town Duties collection was passed at Rs. 58,300. The grant for Tolls collection was passed at Rs. 1,680.

LICENSING ESTABLISHMENT.

With reference to the entry of Rs. 90 per mensem (increased from Rs. 50) for conveyance allowance to the Superintendent, Mr. Viegas proposed that the increase be not sanctioned, but this was not seconded.

On the motion of Colonel Merewether, seconded by Hurkisondas Nurrotamdas, Esq., the grant for licensing was passed (with one dissentient) at Rs. 26,646.

* *See* pp. 75-76 of the Report of the Defalcations Committee.

REVENUE AND REFUND AUDIT ESTABLISHMENT.

The schedule of appointments framed under Section 79 of the Municipal Act, already sanctioned by the Standing Committee, was modified under section 79 (2) to allow of the following additions to the said schedule :—

| | | | | | |
|---|---|---|---|---|---|
| 1 Clerk on | Rs. 80 per mensem | ... | ... | Rs. | 960 |
| 1 Do. | „ 70 do. | ... | ... | „ | 840 |
| 1 Do. | „ 60 do. | ... | ... | „ | 720 |
| | | | | | 2,520 |

The grant for this department was passed at Rs. 24,120.

The total grant for the Assessment and Collection Department was passed at Rs. 2,53,996.

The increases are as under :—

| | | |
|---|---|---|
| One Assistant Superintendent on Rs. 110 per mensem ... ... ... ... ... | Rs. | 1,320 |
| Two Assistant Superintendents on Rs. 90 each | „ | 2,160 |
| Three additional clerks for E, F, and G wards on Rs. 35 per mensem each ... ... | „ | 1,260 |
| Two extra clerks for A and C wards on Rs. 30 each ... ... ... ... ... | „ | 720 |
| Increments allowed to Establishment ... | Rs. | 5,460 |
| Within sanctioned limits as per schedule for 1890-91 ... ... ... ... ... | „ | 810 |
| Temporary establishment ... ... ... | „ | 1,200 |
| Stationery Rs. 100, clothing Rs. 1,048 ... | „ | 1,148 |
| Commission to Port Trust and G. I. P. and B. B. and C. I. Railways ... ..... | „ | 11,100 |
| | Rs. | 19,838 |

LICENSING ESTABLISHMENT.

| | | |
|---|---|---|
| Increased conveyance allowance to Superintendent at Rs. 40 per mensem ... ... | Rs. | 480 |
| Two clerks on Rs. 20 and 1 on Rs. 15 each per mensem ... ... ... ... ... | „ | 420 |
| Contingencies, stationery and printing ... | „ | 90 |
| Clothing ... ... ... ... ... | „ | 168 |

REVENUE AND REFUND AUDIT OFFICE ESTABLISHMENT.

| | |
|---|---|
| Three clerks (1 on Rs. 80, 1 on Rs. 70, and 1 on Rs. 60) ... ... ... ... ... | Rs. 2,520 |
| Contingencies and clothing ... ... ... | „ 120 |
| Total Rs. | 23,516 |

(*The grant for the current year is Rs.* 2,30,480.)

*Fire Brigade—Detailed Statement No.* 6.

A proposal made by Mr. Viegas, that the pay of the Chief Officer be kept at Rs. 500 per mensem, was not seconded.

It was agreed (with one dissentient) that the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified under Section 79 (2) of the Act, to allow of the following alterations therein :—

Chief Officer, pay Rs. 600 per mensem, conveyance allowance Rs. 50.

One Clerk to ditto on Rs. 25 per mensem.

Surgeon, Rs. 150 per mensem, conveyance allowance Rs. 45.

It was agreed (with one dissentient) that the grant for the Fire Brigade for 1892-93 be passed at Rs. 1,37,930 as per detailed statement No. 6 and schedule attached thereto.

The increases are as under :—

| | | |
|---|---|---|
| Increase to Chief Officer Rs. 100 per mensem ... ... ... ... | Rs. | 1,200 |
| Do. do. Clerk Rs. 5 per mensem ... ... ... ... | „ | 60 |
| Surgeon on Rs. 150 per mensem plus Rs. 45 per mensem as conveyance allowance ... ... ... ... | „ | 2,340 |
| | Rs. | 3,600 |
| Rent of Fire Brigade stations ... | „ | 1,000 |
| For repairing new stations ... ... | „ | 500 |
| For lighting ... ... ... ... | „ | 120 |
| | Rs. | 5,220 |
| Purchase of Fire manual engines at Rs. 1,500 each ... ... ... ... ... ... | „ | 7,500 |
| Purchase of one brake ... ... ... | „ | 2,500 |
| Do. 50-100 ft. lengths of canvas Hose without couplings ... ... ... | „ | 6,000 |
| 10 Hand-pumps and hose for do. complete ... | „ | 600 |
| | Rs. | 21,820 |

*Less Decreases—*

| | | |
|---|---|---|
| Personal allowance discontinued to 2 firemen, having retired from the service ... ... | Rs. | 48 |
| Pension contribution not required to be paid to Government on account of those members retired ... ... ... ... ... | „ | 300 |
| Stores and Stationery ... ... ... | „ | 2,000 |
| Contingencies (including rewards) ... ... | „ | 3,000 |
| Clothing ... ... ... ... ... | „ | 3,080 |
| New buildings, Sinking Fund and Interest Instalment ... ... ... ... ... | „ | 20,262 |
| Total | Rs. | 28,690 |

(*The grant for the current year is Rs.* 1,44,800.)

*Maintenance of Public Gardens—Detailed Statement No.* 7.

Proposed by Mulji B. Barbhaya, Esq., seconded by Hurkisondas Nurrotamdas, Esq.—

"That the estimate of expenditure for Gardens be passed at Rs. 82,297 as per detailed statement No. 7, and schedule attached thereto."

*Carried.*

The increases are as under :—

*Victoria Gardens—*

| | | | | |
|---|---|---|---|---|
| Establishment owing to the full schedule salaries and labour strength having been allowed ... ... ... ... ... | | | Rs. | 2,112 |
| Stores and petty charges .. ... ... | | | „ | 500 |
| | | | Rs. | 2,612 |
| *Decreases—* | | | | |
| Repairs to glass house ... ... | Rs. | 1,000 | | |
| *Less*—Increase in repairs to buildings ... ... ... | „ | 300 | | |
| Water supply ... ... ... | „ | 160 | | |
| | | | Rs. | 860 |
| Net Increase, Victoria Gardens ... ... | | | „ | 1,752 |
| *Add*—Dicks Tank Garden, water supply ... | | | „ | 106 |
| | | | Rs. | 1,858 |
| *Less*—Decrease— | | | | |
| Garden on the Flats—Establishment ... | | | „ | 300 |
| Net increase, Maintenance of Public Gardens | | | Rs. | 1,558 |

(*The grant for the current year is Rs.* 80,739).

It was agreed that the next meeting of the Committee be held at 2-30 P.M. instead of at 3 P.M.

BOMBAY, *2nd December* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the meeting held on the 25th ultimo, were signed.

No. 9506. It was *resolved* (with one dissentient) that the seal of the Corporation be affixed (1) to deed of contract with the Indian Patent Stone Company, for repairing the distributing basin of the Bhandarwada Reservoir, &c. (2) The seal was also affixed to deed of agreement between Sheik Mahomed Curtay and Mahomed Cassum Curtay, trustees of certain land and property situate at the junction of Ali Umar Street and Pinjrapole Street, and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at the junction of Ali Umar and Pinjrapole Streets, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, or of any further work which may hereafter be added to it, and in the event of the said land being required, the same to be given to the Corporation at the rate of Rs. 10 per square yard.

The seal was affixed to (1) 2 attested duplicate debentures, Nos. 358 and 359, of Tansa Water Works Loan, of Rs. 500 each; (2) 1 attested duplicate debenture, No. 462 NN, of Sanitary Works Loan of 1885, of Rs. 500; and (3) 69 attested duplicate debentures of Rs. 500 each, Nos. 2479-2485, 3163, 3169, 3165-68, 3366-3367, 3955-3974, 3892-3899, 3859-3864, 4068-4075 and 4214-4225.

No. 9507. *Resolved* : "That, as applied for by the Commissioner, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Rustamji N. B. Jeejeebhoy... | ... Building at Sion Road." |

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 19711, dated 25th November 1891, sanction be given, under section 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Sirdar Dilar Jung Bahadur, C.I.E., for the recovery of Rs. 623-7-7, being the amount of fees due for opening roads for laying electric light cables in May and June last."

No. 9508.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 19819, dated 26th November 1891, sanction be given, under Sections 211 and 517 (*j*) of the Municipal Act, to the filing of a suit in the Court of Small Causes against Sheik Ahmed Fakrudin for the recovery of Rs. 136-3-2, being the amount of property taxes and notice fees due by him in respect of Ward No. 3673, Nos. 22-23, Dongri Street."

No. 9509.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 19990, dated 28th November 1891, sanction be given, under the terms of sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Hasan Karim Mahomed for the recovery of Rs. 399-15-8, being the amount of property taxes and notice fees due by him in respect of ward No. 309, Nos. 23-25, Nagdevi Road."

No. 9510.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 19913, dated 27th November 1891, sanction be given, under section 172 of the Municipal Act, to charging of special halalkhor tax at the rate of Rs. 18-4-0 per mensem, against Messrs. B.R. Badhurji & Brothers, in respect of Ward No. 3467, Waudby Road, from 6th November 1891."

No. 9511.

Read letter No. 19975, dated 28th November 1891, to the Secretary, as under :—

SIR,—With reference to the contract with Messrs. Richardson and Cruddas, which the Standing Committee sanctioned last Wednesday and which included the fire appliances for the new Municipal Offices, I have the honor to inform you that Mr. Nicholls, the Chief of the Fire Brigade, has pointed out to Mr. Stevens that the fire fittings should all be 2½" in diameter instead of 2" as entered in the contract, the former being the diameter of the appliances of the Municipal Fire Brigade, the object is to

make the whole interchangeable one with another. Mr. Stevens concurs in Mr. Nicholls' view, which is obviously the correct one, and has sent to me a tabulated statement which I forward and which shows the total extra cost of this alteration in the size of the fittings will amount to Rs. 4,039-14-0. This is too large a sum to be met from the contingencies for the work and there is therefore nothing to be done but to sanction it as an extra allotment, which can be met out of the premium on the 8 lakhs building loan yet to be raised, or out of profit to be realized from the 2½ lakhs of the building fund which are still invested in Government paper. As the contract has already been sanctioned and is being prepared by the Municipal Solicitors, this matter is one which cannot be delayed, and I request, therefore, that the Standing Committee will bring it before the Corporation as a matter of urgency on Thursday, the 3rd proximo.—I have, &c., H. A. ACWORTH, Commissioner.

No. 9512. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 19975, dated 28th November 1891, the Corporation be recommended to sanction, out of the allotment of the premium on Rs. 8 lakhs building loan yet to be raised, the payment of Rs. 4,039-14-0 for cost of supplying 2½" fire fittings in the new Municipal Offices instead of 2" fittings as entered in the contract with Messrs. Richardson and Cruddas, the former being the diameter of the appliances of the Municipal Fire Brigade, and the reason for the additional outlay being that the whole fittings may be interchangeable.

"That, under the terms of section 36 (*l*) of the Municipal Act, the Chairman be requested to bring this subject before the Corporation at their meeting fixed for the 3rd instant, as urgent business."

It was agreed that the following be circulated and brought on for consideration at a subsequent meeting :—

Further letter, dated 30th November 1891, from Saraswatibai, wife of Mr. Gunpatrao Pandurang, on the subject of the rebuilding of her house at Cavel.

No. 9514. Considered and *recorded* the following :—

No. 20053 of 30th Nov. 1891.

Forwarded to the Standing Committee for information.

H. A. ACWORTH, Commissioner.

*Statement of Houses or Portions of Houses which fell during the month of September 1891.*

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss. | Whether or not action taken by the Municipality. | Whether or not warning given to the parties. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Rs. | | | |
| 1 | A | 20 | Ballard Road .. | Ebrahim Abdula .. | Shed .. | Nil .. | 6th Sept. 91. | Owing to the effect of the weather. | Whole .. | .. | .. | 200 | .... | .... | |
| 2 | G | 63 | Mahim Durga Street. | Jehangir Hormusjee Mody. | Shed .. | 20 years. | 4th Sept. 91. | Mud walls saturated by rain. | Whole .. | .. | .. | 10 | .... | Given | |

No. 10253 OF 1891-92.

Forwarded to the Municipal Commissioner.

RIENZI WALTON, Executive Engineer.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20279, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 9515.

The following return was read and *recorded* :—

Return of fires at Gilder Street and Charney Road, forwarded with the Commissioner's memorandum No. 19522, dated 23rd November 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 29th November 1891.

CONSIDERATION OF THE BUDGET ESTIMATES WAS PROCEEDED WITH.

The following resolutions of the Corporation were considered :—

No. 706, dated 16th April 1891, as under :—

"That the figures prepared by Mr. Wacha and now handed in be forwarded to the Standing Committee and the Commissioner for their consideration when preparing the next Budget."

No. 6263, dated 3rd September 1891, as under :—

"That the question of filling up the low-lying portions of Victoria Gardens be dealt with by the Standing Committee when the Budget estimates for next year are being framed."

No. 7575, dated 15th October 1891, as under :—

"That for the present sanction be given to the expenditure of Rs. 10,000 only to provide for the cost of repairing the Vehar pipe embankment between Sion and Kurla, but that the subject of the repairs generally (to the Tulsi embankment) be referred to the Standing Committee with a request that it may be considered at the next Budget."

No. 8890, dated 12th November 1891, as under :—

* * * *

"That the Standing Committee be asked to consider the desirability of varying the Budget estimate by providing out of the Rs. 5,175 for the cost of one sweeping and loading machine."

EXPENDITURE.—*contd.*

*Corporation and Standing Committee's Establishment—Detailed Statement No.* 1.

On the application of the Secretary the grant for this department was increased from Rs. 54,964 to Rs. 55,012 to provide for clothing for the two extra peons entered in the estimate.

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* *See* Appendix E. † *See* Appendix C

*Public Works Department—Detailed Statement No.* 8.

*General Supervision and Miscellaneous Duties.*—It was agreed that the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified under section 79 (2) thereof to allow of the following addition to the said schedule :—1 Peon on Rs. 10 per mensem, Rs. 120.

No. 9518. The estimate of expenditure for this branch was passed at Rs. 41,060.

The increases are as under :—

| | | |
|---|---|---|
| 1 Peon on Rs. 10 per mensem ... ... ... | Rs. | 120 |
| Clothing ... ... ... ... ... ... ... | „ | 232 |
| Total... | | 352 |

(*The grant for the current year is Rs.* 40,708.)

*Drainage.*—It was agreed that the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified under section 79 (2) of the Act, to allow the following additions thereto :—

| | | |
|---|---|---|
| 1 Tracing Clerk on Rs. 30 per mensem ... ... | Rs. | 360 |
| 4 Lascars on Rs. 10 each do. ... ... | „ | 480 |
| | Rs. | 840 |

*Outdoor Establishment.*

| | | |
|---|---|---|
| 2 Sub-Inspectors on Rs. 30 each per mensem ... | Rs. | 720 |
| 4 Lascars do. „ 10 do. ... | „ | 480 |
| 1 Clerk do. „ 25 do. ... | „ | 300 |
| 2 Fitters do. „ 15 do. ... | „ | 360 |
| 1 Mason do. „ 20 do. ... | „ | 240 |
| 6 Labourers do. „ 10 do. ... | „ | 720 |
| 3 Halalkhor Mucadams on Rs. 15 each per mensem | „ | 540 |
| 24 Halalkhors on Rs. 11½ each do. | „ | 3,312 |
| | Rs | 6,672 |

*Cleaning main sewers—Outdoor Establishment.*

| | | |
|---|---|---|
| 1 Timekeeper on Rs. 25 ... ... ... | Rs. | 300 |
| 1 Blacksmith „ „ 25 ... ... ... | „ | 300 |
| | Rs. | 600 |
| *Less*— | | |
| 1 Clerk transferred to outdoor establishment on Rs. 25 ... ... ... | | 300 |
| Net increase | | 300 |
| | Rs. | 7,812 |

*Love Grove Pumping Station.*

| | | |
|---|---|---|
| 1 Lascar on Rs. 10 per mensem ... ... ... | Rs. | 120 |
| Total | Rs. | 7,932 |

The budget estimate for drainage was passed at Rs. 1,93,429. (The increases are 50 men, at a cost of Rs. 7,932.)

(*The grant for the current year is Rs.* 1,83,141.)

*Water Works Department.*—In reference to certain charges included in the estimates, Mr. Acworth read the following extract from letter to himself, No. G 2649, dated 1st September 1891, from the Executive Engineer :—

"The length of mains laid up to 1890 was about 175 miles. The cost of renewing these at present rates would be about 64 lakhs of rupees. Daily experience shews that the process of renewal already commenced must be continued if undue waste on the one hand and insufficient supply on the other are to be prevented. Such renewals should be done out of revenue, but up to the present no fund has been established for meeting this charge. Thirty years would usually be a fair term to allow for the life of a pipe, but the unusually good quality of the water passing through them, combined with the comparatively moderate pressures to which the pipes are subjected, together with the experience of the past 30 years, might justify a life of 60 years being given to pipes in the Bombay system. Having regard also to the extensions for the distribution of the water as well as to the pipes on the Tansa duct itself, aggregating another 50 lakhs in value, it is evident that either *at least* 1 lakh per annum should be set aside, or the time will shortly come when the revenue will be called upon to find several lakhs in one year with a consequent disturbance of the ordinary taxation."

It was agreed that the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified under section 79 (2) of the Act, to allow the following additions to the said schedule :—

*Maintenance.*

| | | | | | | |
|---|---|---|---|---|---|---|
| 1 Clerk on | Rs. 25 | per mensem | ... | ... | ... | Rs. 300 |
| 2 Painters | „ 25 | each „ | ... | ... | ... | „ 600 |
| 1 Carpenter | „ 20 | „ | ... | ... | ... | „ 240 |
| 1 Mason | „ 20 | „ | ... | ... | ... | „ 240 |
| | | | | | | Rs. 1,380 |

*Inspection, Distribution and Waste Prevention.*

2 Sub-Inspectors on Rs. 25 each per mensem* Rs. 600

*Lakes, Reservoirs and Filter Beds.*

1 Steam Engine Cleaner on Rs. 15 per mensem provided in lieu of one Fireman.

*Tansa Establishment* (Dam Works.)

| | | | | | |
|---|---|---|---|---|---|
| 1 Sub-Inspector | on Rs. 50 | per mensem | ... | ... | Rs. 600 |
| 8 Kalasis | „ 12 | each „ | ... | ... | „ 1,152 |
| 1 Hamal | „ 12 | per mensem | ... | ... | „ 144 |
| 1 Pecn | „ 12 | „ | ... | ... | „ 144 |
| 6 Labourers | „ 10 | each per mensem | ... | ... | „ 720 |
| | | | | | Rs. 2,760 |

* The Sub-Inspectors' appointments have been re-arranged and the Labour staff has been reduced by 12 men, causing a saving of Rs. 118 per mensem under this head.

*Duct Works for 4 months from November* 1892.

| | | | |
|---|---|---|---|
| 2 Inspectors on Rs. 110 each per mensem, *plus* Rs. 30 each as conveyance allowance ... | Rs. | 1,120 |
| 22 Sluicemen on Rs. 14 each per mensem ... | „ | 1,232 |
| 2 Peons „ 12 „ ... | „ | 96 |
| | Rs | 2,448 |

*Supervision for* 4 *months from November* 1892.

| | | |
|---|---|---|
| 1 Assistant Engineer on Rs. 500 *plus* Rs. 150 conveyance allowance ... ... ... | Rs. | 2,600 |
| 1 Clerk on Rs. 40 ... ... ... ... ... | „ | 160 |
| 2 Peons on Rs. 12 each ... ... ... ... | „ | 96 |
| | Rs. | 2,856 |

No. 9520. It was also agreed that the Corporation be recommended to sanction the appointment of this Assistant Engineer for a period of four months from November 1892, on a salary of Rs. 500 per mensem, *plus* Rs. 150 per mensem, as conveyance allowance.

The estimate of expenditure for this branch was passed at Rs. 3,19,010.

The increases are as under :—

| | | |
|---|---|---|
| 40 Persons, including sanctioned increments at a total additional cost of ... ... ... ... | Rs. | 8,808 |
| *Plus* clothing Rs. 256, and works, &c. Rs. 1,01,304 | „ | 1,01,560 |
| | Rs. | 1,10,368 |

(*The grant for the current year is Rs.* 2,08,642.)

*Streets and Buildings.*—It was agreed that the schedule of appointments, framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified to allow of the following alterations therein under clause (2) thereof :—

| | | |
|---|---|---|
| 2 Building Muccadams on Rs. 15 each per mensem... | Rs. | 360 |
| 1 Gas Pressure Gauge Maccadum on Rs. 15 do. ... | „ | 180 |
| *Labour*— | | |
| 12 Masons and Carpenters on Rs. 23¼ each per mensem provided, instead of 15 on Rs. 15 per mensem each | Rs. | 648 |
| 21 Road Muccadams on Rs. 15 per mensem ... ... | „ | 3,780 |
| 120 Labourers on Rs. 9-11-0 per mensem ... ... | „ | 13,956 |
| | Rs. | 18,924 |

*Steam Rollers.*

| | | |
|---|---|---|
| 1 Driver on Rs. 50 ... ... ... ... ... | Rs. | 600 |
| 1 Do. „ 45 ... ... ... ... ... | „ | 540 |
| 3 Drivers „ 35 each ... ... ... ... | „ | 1,260 |
| | °Rs. | 2,400 |

° In lieu of 5 Drivers on Rs. 40 per mensem under the former schedule.

It was agreed that the grant for Inspection and Supervision be passed at Rs. 87,383.

(*The grant for the current year is Rs.* 85,278.)

*Public Lighting Branch.*

Proposed by Colonel Merewether, seconded by Kaikhosro N. Kabraji, Esq.—

"That the sum of Rs. 2,500 be inserted in the estimates to provide for the cost of lighting the Rajabai Clock Tower with electricity."

On a division the motion was *carried* by 9 votes *against* 3.

It was agreed by a majority that the lighting grant be passed at Rs. 3,34,379.

The increases are as under :—

*Gas Lighting.*

| | |
|---|---|
| Streets and Bunders ... ... ... ... ... | Rs. 1,112 |
| Shifting the Photometer House ... ... ... | „ 3,000 |
| *Kerosine Oil Lighting.* | |
| Streets ... ... ... ... ... ... ... | Rs. 120 |
| | Rs. 4,232 |

*Less*—Decreases—

*Gas and Electric Lighting.*

| | |
|---|---|
| Electric lighting ... ... ... ... ... | Rs. 30,000 |
| Queen's Statue ... ... ... ... ... ... | „ 56 |
| Public latrines and urinals ... ... ... ... | „ 2,000 |
| Contingencies ... ... ... ... ... ... | „ 5,000 |
| *Kerosine Oil Lighting.* | |
| Contingencies ... ... ... ... ... ... | Rs. 2,512 |
| | Rs. 39,568 |
| *Less*—Increase ... ... ... ... ... ... | „ 4,232 |
| Net decrease ... ... | Rs. 35,336 |

(*The grant for the current year is Rs.* 3,69,715.)

*Road-watering.*—It was agreed that the grant for road watering be passed at Rs. 82,137.

(*The grant for the current year is Rs.* 93,270.)

*Road Repairs and Maintenance.*—It was agreed that the grant for road repairs and maintenance be passed at Rs. 4,57,547.

The increases are 138 men at a cost of Rs. 18,384.

It was agreed, with regard to the proposed introduction of the sweeping and loading machines, that it should be left to the Commissioner to make such provision in the matter as he may find best.

(*The grant for the current year is Rs.* 4,65,872.)

*Street Improvement.*

The grant for street improvement, &c. was passed at Rs. 1,05,000.

(*The grant for the current year is Rs.* 1,05,030.)

It was agreed that the total grant for streets and buildings be passed at Rs. 10,66,446.

(*The grant for the current year is Rs.* 11,19,165.)

It was *resolved* "that the total grant for public works, including general supervision, drainage, water works, streets and buildings, special provision for cleaning, lighting and repairing Port Trust wharves be passed at Rs. 16,57,587."

(*The grant for the current year is Rs.* 15,89,298.)

*Public Health Department—Detailed Statement No.* 9.

*General Supervision.*—It was agreed that the schedule of appointments framed under section 79 of the Municipal Act, already sanctioned by the Standing Committee, be modified to allow of the following alterations therein under clause (2) thereof :—

*Conservancy Branch.*

| | | | | |
|---|---|---|---|---|
| 35 Halalkhors at 11½ each per mensem ... ... | | | Rs. | 4,830 |
| *Halalkhor Branch, B, Labour.* | | | | |
| 2 Cart drivers at Rs. 11½ each per mensem | | Rs. | 276 | |
| 10 Halalkhors | do. do. | „ | 1,380 | |
| | | | | 1,656 |
| | | | Rs. | 6,486 |
| *Markets and Slaughter Houses.* | | | | |
| 1 Peon on Rs. 10 per mensem ... ... ... | | | Rs. | 120 |

*General Supervision.*—The estimate of expenditure for 1892-93 in respect of General Supervision was passed at Rs. 44,740.

(*The grant for the current year is Rs.* 44,010.)

*Conservancy Branch.*—It was agreed that the budget estimate of expenditure for the year 1892-93 for the conservancy branch be passed at Rs. 6,75,257-2-9.

(*The grant for the current year is Rs.* 6,83,203-2-9.)

*Halalkhor Branch.*—It was agreed that the budget estimate of expenditure for the year 1892-93 for the Halalkhor branch be passed at Rs. 4,43,400-6-0.

(*The grant for the current year is Rs.* 4,43,968-6-0.)

The total grant for conservancy branch, including the Halalkhor branch, was passed at Rs. 11,18,657-8-9.

(*The grant for the current year is Rs.* 11,27,172.)

*Markets and Slaughter Houses.*—The estimate of expenditure for the year 1892-93 for Markets and Slaughter Houses was passed at Rs. 1,32,944-10-9.

(*The grant for the current year is Rs.* 1,37,438-10-9.)

*Registration of Births and Deaths.*—It was agreed that the budget estimate of expenditure for the year 1892-93 in respect of the Registration of Births and Deaths be passed at Rs. 21,159.

(*The grant for the current year is Rs.* 19,554.)

*Cemeteries.*—The grant for cemeteries was passed at Rs. 10,255-3-6.

(*The grant for the current year is Rs.* 10,108-8-6.)

*Laboratory.*—The grant for laboratory was passed at Rs. 600.

(*The grant for the current year is the same.*)

*Mahalaxmi Dhobiwada.*—The grant for Mahalaxmi Dhobiwada, including Rs. 40,025 for water, was passed at Rs. 43,411.

(*The grant for the current year is Rs.* 43,363.)

*Infectious Diseases.*—The grant for infectious diseases was passed at Rs. 6,250.

(*The grant for the current year is Rs.* 8,200.)

*Milch Cattle Stables and Rooms.*—The grant for milch cattle stables was passed at Rs. 13,554.

(*The grant for the current year is Rs.* 12,134.)

*Tank Conservancy.*—The grant for tank conservancy was passed at Rs. 6,144.

(*The grant for the current year is the same.*)

The grant for the Public Health Department, including General Supervision and Conservancy, Markets and Slaughter Houses, Registration of Births and Deaths, Cemeteries, Laboratory, Dhobiwada, Infectious Diseases, Milch Cattle Stables and Rooms, Tank Conservancy, Rustomji Jamsedji Dharamsala, Falkland Road, and contribution to Government for Vaccination was passed at Rs. 14,15,313.

(*The grant for the current year is Rs.* 14,26,279.)

*Municipal Debt.*—It was agreed (with one dissentient) that the estimate of expenditure for the several public loans, sinking funds and interest thereon be passed at Rs. 21,63,278.

No. 9540.

(*The grant for the current year is Rs.* 18,08,252.)

On the suggestion of the Hon'ble Mr. Javerilal U. Yajnik, the Commissioner undertook to vary the form of the "Statement of Loans" (page 70) in order that in column 6 the amounts may be entered, namely, "interest", "Sinking Fund", "total". Mr. Acworth added that, if feasible, the alteration should be made in the present budget estimates, but if that is not practicable, the change shall be made in the estimates for future years.

*Pensions, Gratuities, and Compassionate Allowance.*

No. 9542. This grant was passed at Rs. 33,000.

(*The grant for the current year is Rs.* 31,500.)

No. 9543.

* As per Government Resolution No. 1832, dated 25th March 1891, Judicial Department, after allowing credits for Government contribution and the following transfers:—

Charges transferred to the Municipality :—

| | | | |
|---|---|---|---|
| Queen's Statue Lighting .. | | Rs. | 1,120 |
| Maintenance .. .. | | ,, | 343 |
| | | Rs. | 1,463 |
| Victoria and Albert Museum— | | | |
| Establishment .. | Rs. 8,587 | | |
| Maintenance .. | ,, 413 | | |
| | | | 9,000 |
| | | Rs. | 10,463 |

*Police charges.*—This estimate was passed at Rs. 4,50,000 as per margin.*

(*The grant for the current year is Rs.* 2,58,289.)

*Education.*—On the motion of Kaikhosro N. Kabraji, Esq., seconded by Abdalla M. Dharamsi, Esq., it was agreed, by 8 votes *against* 2, that the grant for Primary Education be increased from Rs. 51,300 to Rs. 55,220, *plus* an increase of Rs. 120 for the Joint Schools' Committee establishment.

An application from the Acting Honorary Secretary of the Technical Institute for an increased grant was considered.

Colonel Merewether moved that the grant be increased from Rs. 10,000 to Rs. 20,000, but the proposal was not seconded.

No. 9545.

On the motion of the Hon'ble Mr. Javerilal U. Yajnik, seconded by Cowasjee Hormasjee, Esq., it was resolved by 9 votes against 2 that the grant for the Institute be entered at Rs. 15,000.

The grant for Education was passed (with 2 dissentients) as under :—

| | | |
|---|---|---|
| Primary Education ... ... ... | Rs. | 55,220 |
| Medical Female Scholarships ... ... | „ | 1,000 |
| | | 56,220 |
| School for Deaf-Mutes ... ... ... | Rs. | 1,800 |
| | | 58,020 |
| Veterinary College ... ... ... ... | Rs. | 2,500 |
| Victoria and Albert Museum ... ... | „ | 11,200 |
| V. J. Technical Institute ... ... ... | „ | 15,000 |
| Joint Schools Committee's Establishment... | „ | 6,000 |
| Total | Rs. | 92,720 |

(*The grant for the current year is Rs.* 83,680.)

*Hospitals.*—The estimate of expenditure for this head was passed, with one dissentient, at Rs. 60,108.

No. 9547.

| | | |
|---|---|---|
| Gokuldass Tejpal Hospital ... ... | Rs. | 36,000 |
| Establishment for proposed Small Pox and Cholera Hospitals ... | „ | 3,108 |
| Jaffer Sulleman's Dispensary for Women and Children ... ... | „ | 3,000 |
| Leper Asylum maintenance ... ... | „ | 18,000 |
| | Rs. | 60,108 |

(*The grant for the current year is Rs.* 54,108.)

*Discretional Contingencies.*—The grant for Discretional Contingencies was passed at Rs. 7,000.

(*The grant for the current year is the same.*)

*Auditors' Allowance.*—The grant for Auditors' allowance was passed at Rs. 10,000.

(*The grant for the current year is the same.*)

*Rent of Municipal Office.*—The grant for rent of Municipal Office was passed at Rs. 28,545.

(*The grant for the current year is Rs.* 30,000.)

*Election Expenses.*—The grant for election expenses was passed at Rs. 500.

(*The grant for the current year is Rs.* 10,000.)

*Municipal Buildings Fire Insurance Fund.*—The grant for the Municipal Buildings Fire Insurance Fund was passed at Rs. 3,000.

(*The grant for the current year is the same.*)

The total estimate of ordinary expenditure for the year 1892-93 is Rs. 65,90,710.

*New Works—Detailed Statement No.* 12, costing Rs. 20,000 each or under.

New Works for 1892-93, in respect of the Victoria Gardens, were passed as follows :—

| | | |
|---|---|---|
| New roads ... ... ... ... ... | Rs. | 12,550 |
| Planting and turfing of new ground ... | „ | 1,000 |
| Filling low ground ... ... ... ... | „ | 18,180 |
| Extending fernery ... ... ... ... | „ | 2,000 |
| Turnstile ... ... ... ... | „ | 300 |
| Total... | Rs. | 34,030 |

*Roads and Buildings.*

| | | |
|---|---|---|
| Extension of the Walkeshvar Road retaining wall ... ... ... ... ... | Rs. | 5,000 |
| Filling in Municipal ground and building a retaining wall in front of the house of Mr. Jaikisondass Gungadass at Walkeshvar ... | „ | 4,743 |
| | Rs. | 9,743 |

*Water Works Department.*

| | | |
|---|---|---|
| Latrines and urinals for workmen at Chinchpokli stores ... ... ... ... | Rs. | 1,000 |
| Chowki for watchmen, and other minor improvements at Bhandarwada Reservoir ... | „ | 430 |
| Fencing ground recently acquired from Government at the junction of Clerk and DeLisle Roads, Chinchpokli, also fencing the western boundary of old ground thereat occupied for water main depôt ... ... | „ | 2,600 |
| Alteration of engine house, Malabar Hill Reservoir, to allow of the provision of quarters for the Inspector ... ... | „ | 3,500 |
| | Rs. | 7,530 |

*Drainage.*

| | | |
|---|---|---|
| Constructing a new drain in Walkeshvar village to receive the drainage of Ambewadi and connect it with the pipe drain running from the Municipal latrine on the foreshore ... ... ... ... ... | Rs. | 2,296 |
| Ventilating shafts on Ripon Road sewer ... | „ | 3,047 |
| Constructing Engineer's quarters at Love Grove Pumping Station ... ... ... | „ | 6,875 |
| Fair weather connection of the open drain at the junction of DeLisle and Arthur Roads with 18″ pipe sewer ... ... | „ | 969 |
| Miscellaneous Drainage works ... ... | „ | 5,000 |
| Rs. ... | | 18,187 |

*Miscellaneous Works.*

| | | |
|---|---|---|
| Latrines and urinals ... ... ... | Rs. | 12,000 |
| Purchase of land at Bapty Road for Health Department ... ... ... ... | „ | 1,661 |
| Description boards in vernacular for public latrines and urinals ... ... ... | „ | 680 |
| Covering with corrugated iron roofing part of the passage between the Bori Bunder stables and workshops as a shelter for hearses and vans ... ... ... ... | „ | 1,632 |
| Mangalore tile roofing of small-pox hospital | „ | 5,633 |
| Fencing Municipal ground at Dadar ... | „ | 572 |
| | Rs. | 22,178 |
| Total | Rs. | 91,668 |

The total grant, including Rs. 91,668 for special extraordinary works and Rs. 21,600 for reserve funds, including Municipal Building Fund Reserve, and Sinking and Insurance Funds, was passed at Rs. 67,03,978, being a net increase of Rs. 6,85,607. The grand total of the estimate of the expenditure for the year, including Rs. 8,46,339, balance at the close of the year, amounts to Rs. 75,50,317.

(*The total estimate for the current year is Rs.* 61,99,675.)

INCOME.

The estimate of income for the year 1892-93 from General Tax at 8 per cent. (including contribution of Rs. 96,767 from Government and Rs. 1,63,899 from Port Trust) was passed at Rs. 16,99,358.

(*The estimate for the current year is Rs.* 15,94,000.)

The estimate of income for the year 1892-93 from additional tax under section 140 (*c*) of the Municipal Act III. of 1888 for Fire Brigade charges at ¾ per cent., including Rs. 15,366 from Port Trust and Rs. 9,072 from Government, was passed at Rs. 1,49,400.

(*The estimate for the current year is Rs.* 1,44,800.)

The estimate of income for the year 1892-93 from Wheel Tax, as per schedule G of the Municipal Act * was passed at Rs. 3,16,312, including toll of 2 annas per cart to be levied on all vehicles entering the City from Salsette, which are not liable to the tax leviable under section 180 of the Municipal Act.

* SCHEDULE G—*See Section* 180.

| Description of vehicle or animals. | Maximum amount of tax per quarter. Rs. a. p. |
|---|---|
| Each four-wheeled vehicle, drawn or impelled by horses, ponies, mules, donkeys, bullocks, or machinery ... .. .. .. .. | 5 0 0 |
| Each two-wheeled vehicle, drawn or impelled by horses, ponies, mules, donkeys, bullocks, or machinery ... .. .. .. .. .. | 3 0 0 |
| Each vehicle, drawn or impelled otherwise than by horses, ponies, mules, donkeys, bullocks or machinery .. .. .. .. .. .. | 2 0 0 |
| Each horse, pony, or mule, of a height of 12 hands or upwards .. .. .. .. .. | 6 0 0 |
| Each horse, pony, or mule, of a height of less than 12 hands .. .. .. .. .. | 2 0 0 |
| Each bullock or buffalo kept for draft or pack purposes .. .. .. .. .. | 1 0 0 |
| Each donkey kept for draft or pack purposes or for riding .. .. .. .. .. | 1 0 0 |

(*The estimate for the current year is Rs.* 3,09,700.)

The estimate of income for 1892-93 from Town Duties was passed at Rs. 9,00,000 and at the following rates :—

| | Rs. a. p. |
|---|---|
| Grain of all sorts per candy ... ... ... ... | 0 4 0 |
| Flour of all sorts 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared. | |
| Wines and Spirits, per imperial gallon ... ... ... | 0 4 0 |
| Beer, per imperial gallon ... ... ... ... | 0 0 6 |
| Sugar, Molasses and Goor, per cwt. ... ... ... | 0 8 0 |
| Ghee, per Bombay maund ... ... ... ... | 0 8 0 |
| Timber, excluding Railway Sleepers ... ... | 2½ per cent. on market value. |
| Firewood, per candy ... ... ... ... ... | 0 2 0 |

(*The estimate for the current year is the same.*)

The estimate of income for the year 1892-93 from licenses for dangerous and offensive trades was passed at Rs. 45,000.

(*The estimate for the current year is Rs.* 34,000.)

The estimate of income for the year 1892-93, from licenses to surveyors and plumbers (streets and buildings) was passed at Rs. 2,750.

(*The estimate for the current year is Rs.* 2,600.)

The estimate of income for the year 1892-93 from licenses for land conveyances, music, &c., issued by the Commissioner of Police, was passed at Rs. 23,000.*

(*The estimate for the current year is Rs.* 26,550.)

The estimate of income for the year 1892-93 of receipts from Government, under the terms of Bombay Act V. of 1878 in lieu of liquor licenses, was passed at Rs. 1,43,750.

(*The estimate for the current year is the same.*)

The estimate of income for the year 1892-93 of receipts from Government for the Municipal duty on tobacco under Act IV. of 1857 was passed at Rs. 1,80,000.

(*The estimate for the current year is Rs.* 1,67,800.)

The estimate of income for the year 1892-93 from Halalkhor Tax was passed at Rs. 5,53,000.

(*The estimate for the current year is Rs.* 5,48,000.)

The estimate of income for the year 1892-93 from Water Tax was passed at Rs. 12,61,300, including the charges for water supplied for Municipal purpose.

(*The estimate for the current year is Rs.* 12,20,760.)

The estimate of income for the year 1892-93 from Market receipts was passed at Rs. 3,33,500.

(*The estimate for the current year is Rs.* 3,47,380.)

The estimate of income for the year 1892-93 from Public gardens was passed at Rs. 6,290.

(*The estimate for the current year is Rs.* 6,000.)

The estimate of income for the year 1892-93 from Tramway rent was passed at Rs. 36,200.

(*The estimate for the current year is the same.*)

The estimate of income for the year 1892-93 from miscellaneous fines was passed at Rs. 7,000.

(*The estimate for the current year is the same.*)

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* Land Conveyance Licenses ... ... Rs. 10,500
Music Licenses ... ... ... ... „ 10,400
Sundry do. ... ... ... ... „ 2,100
Rs. 23,000

The estimate of income for the year 1892-93 from miscellaneous receipts was passed at Rs. 1,08,357.*

(*The estimate for the current year is Rs.* 1,01,135.)

The estimate of income for the year 1892-93 from miscellaneous fees was passed at Rs. 46,500.†

(*The estimate for the current year is* Rs. 45,400.)

The estimate of income for the year 1892-93 from miscellaneous savings was passed at Rs. 2,000.

(*The estimate for the current year is Rs.* 3,000.)

The estimate of income for the year 1892-93 from contributions from Municipal servants towards pension, &c., fund was passed at Rs. 15,000.

(*The estimate for the current year is Rs.* 14,000.)

The estimate of income for the year 1892-93 from interest on loans and reserve funds investments was passed at Rs. 1,00,000.

(*The estimate for the current year is the same.*)

The estimate of income for the year 1892-93 from interest on sinking fund and that on insurance fund was passed at Rs. 21,600.

(*The estimate for the current year is Rs.* 17,000.)

The estimate of income from opening cash balance was passed at Rs. 16,00,000.

(*The estimate for the current year is Rs.* 4,30,000.)

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* Rent of Dhobiwada and Shops ... ... ... ... Rs. 17,000
" Chawls ... ... ... ... ... " 15,000
" Milch Cattle Stables ... ... ... ... " 15,565
" Lands, Tanks, &c., ... ... ... ... " 80,000
" Police and Fire Brigade quarters ... ... " 18,292
Sundry receipts ... ... ... ... ... ... " 12,500

Rs. 1,08,357

† *Health Department Fees.*

Removing and skinning dead animals... ... ... ... Rs. 13,000
Grave digging ... ... ... ... ... ... ... " 3,500

Rs. 16,500

*Engineer's Department.*

Building Fees (galleries, rewas, scaffoldings and weather frames)... ... ... ... Rs. 15,000
Opening roads and footpaths for cleaning drains and laying water pipes ... ... ... " 5,500
Occupying public roads ... ... ... " 3,000
Sundry Fees ... ... ... ... ... " 200
23,700

*Assessment and Collection Department.*

Notice, Warrant, Battakie, and Sundry Fees... ... ... Rs. 6,300

Rs. 46,500

The total estimate of current revenue for the year 1892-93 is Rs. 75,50,317, including the opening balance of Rs. 16,00,000.

The estimate of income for the year 1892-93 from loan funds as per statement No. 13, including the anticipated balance on 1st April 1892 of Rs. 8,90,059-13-10, was passed at Rs. 22,90,059-13-10.

The expenditure on account of Loan Funds as per the same statement, including closing balance on 31st March 1893, of Rs. 3,40,723-11-0 was passed at Rs. 22,90,059-13-10.

The cost of establishment chargeable to Loan Funds shown in the same statement was passed at Rs. 1,17,456.

At the request of the Hon'ble Mr. Javerilal U. Yajnik, the Commissioner stated that he will endeavour to have a column inserted in the estimates for future years showing the "Revised Estimates" as far as possible.

It was agreed that the next meeting of the Committee be held at 2 P. M. instead of at 3 P. M.

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BOMBAY, *9th December* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; COWASJEE HORMUSJEE, Esq., C.I.E. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; ACCACIO G. VIEGAS, Esq., L.M. & S. ; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

In the absence of the Chairman, Colonel Merewether was, on the motion of Cowasjee Hormusjee, Esq., seconded by Kaikhosro N. Kabraji, Esq., voted to the chair.

The signing of the minutes of the meeting held on the 2nd instant, was postponed.

A letter from Mr. Madhavlal Javerilal Yajnik was received, stating that the Hon'ble Mr. Javerilal Umiashankar Yajnik was unable to attend the meeting, having been suddenly called to Neriad.

The seal of the Corporation was affixed to deed of Contract with Messrs. John Fleming & Co. for the supply of fittings and meters for the Water Works Department.

No. 9847.

*Resolved* : "That the following be *recorded* :—Letter No. 20591, dated 7th instant, from the Commissioner, reporting that, owing to the late arrival of the S. S. "Clyde," Surgeon-Major Weir continu-

No. 9848.

ed to act as Commissioner for two days more, *viz.*, 20th and 21st November, and that his salary for that period will be debited to savings in the Commissioner's Office, Section I., consequent on the Commissioner drawing no pay for the two days in question."

No. 9849. *Resolved* : "That, as applied for by the Commissioner in his memoranda Nos. 20131, 20132 and 20133, dated 1st instant, and Nos. 20421, 20422 and 20423, dated 4th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of owner. | Where. |
|---|---|
| Mr. Khatri Haji Soomer ... | Building at Ripon Road, Madanpura. |
| „ Umer Tyeb ... ... | „ Naigam Road. |
| „ Gangi Sajan Khoja ... | „ Ripon Road. |
| Shaik Amroodin Shaik Madar ... | No. 28, Kamathipura 1st Street. |
| Mr. Rahimtula Oomar ... ... | „ 236, Mahomedan Street. |
| „ Tankoo Balloo ... ... | „ 35, Kamathipura Bazar Road." |

No. 9850. *Resolved :* "That, as applied for by the Commissioner, in his memorandum No. 20744, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 9851. *Resolved* : "That, as applied for by the Commissioner in his letter No. 20470, dated 4th instant, the Corporation be recommended to sanction the payment out of surplus cash balance of Rs. 3,536 to meet the cost of repairs to the Victoria and Albert Museum building."*

No. 9852. *Resolved* : "That, as applied for by the Commissioner in his letter No. 20513, dated 5th instant, the Corporation be recommended to sanction the payment out of surplus cash balance of Rs. 4,870-1-7 to meet the amount of property taxes payable in respect of the present Municipal Offices."*

No. 9853. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20341, dated 3rd instant, sanction be given to the transfer of Rs. 209-3-0, from savings in the grant for materials, Section II., Engineer's (Water Works) Budget, to Section IV., repairs and alterations to tanks, wells, &c., same department, to meet the cost of paving the surface in front of the Wadia

* From the introduction to the budget for 1892-93, it will be seen that Rs. 79,703 have been reserved for probable extra grants. Out of this sum Rs. 13,527-0-9 has already been sanctioned and Rs. 66,175-15-3 are still available to meet the two sums of Rs. 3,536 and Rs. 4,870-1-7 as above.

Fountain, in Bazar Gate Street, after the removal of the stone seat now there, which is an obstruction on the public road.

"That, before the seat is removed, the Commissioner be requested to consult the Trustees of the Wadia Fountain in the matter."

No. 9854. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19701, dated 25th ultimo, sanction be given to the transfer of Rs. 130, from savings in Section I., Superintendence and Inspection, Conservancy Branch, Health Department Budget, to Section I., Establishment, Accounts and Expenditure, Audit Establishment Budget, to meet the cost of acting arrangements made during the absence of the Head Clerk, Chief Accountant's Office, on two months' privilege leave, from 4th October to 3rd December 1891."

No. 9855. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 19986, dated 28th ultimo, sanction be given to the transfer of Rs. 456, from savings in D, road repairs and maintenance, 2, cart hire and bullock pairs, for road repairs, and scraping and stores, and stores for road scraping, apportionment for bullock pairs, streets and buildings, Engineer's Budget, to A, Inspection and Supervision, Section 2, printing, same head, same budget, to meet cost of printing alphabetical list of Municipal and private roads."

The Commissioner, in reply to a question, promised to supply copies, if possible, of the list to the members of the Committee, but said he regretted that, as only fifty copies have been printed, he could not supply copies to the Corporation generally.

No. 9856. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20056, dated 30th ultimo, and subject to the approval of the Corporation under Section 133 of the Act, sanction be given to the transfer of Rs. 540, from savings in Section 3, A, Miscellaneous Drainage, Engineer's Budget, to Section 2, A, Miscellaneous Drainage, carts with drivers and bullocks, same branch, to meet excess on the latter grant, as the budget provision has been found to be inadequate."

It was agreed that the following be circulated and brought on for consideration at a subsequent meeting :— Memorandum No. 20098, dated 30th ultimo, from the

Commissioner, requesting the Committee to recommend the Corporation to sanction the writing off of Rs. 13,351-1-0 as book loss from auction, &c., sale of unserviceable and other stores of the several departments as per list submitted.

No. 9857. *Resolved* : " That, as recommended by the Commissioner in his letter No. 20252, dated 2nd instant, sanction be given to the acceptance by him of the tender of Messrs. Framjee and Jivanjee, the lowest of eight tenders received, for repairing the Vehar main embankment between Sion and Kurla; the amount, *viz.*, Rs. 9,075, plus Rs. 908 for ten per cent. contingencies, to be met out of the sanctioned grant for the work, of Rs. 10,000."

No. 9858. *Resolved* : " That the following be *recorded* :—Letter No. 20277, dated 2nd instant, from the Commissioner, reporting that he has sanctioned the purchase of two automatic pressure recorders and 1,000 special diagrams for use in the Water Works Department, from Messrs. Glenfield & Co., for Rs. 718-3-1 ; the cost, in the first instance, to be met out of the sanctioned advance for the purchase of Water Works fittings, &c., to be finally adjusted against the Water Works material grant."

No. 9859. *Resolved* : " That, as applied for by the Commissioner in his letter No. 20503, dated 5th instant, sanction be given, under section 21 (4) of the Municipal Act, to the charging of Rs. 2 per copy of the Election Roll which will come into operation from the 10th instant."

It was agreed that the consideration of the following be postponed till next week to enable the Commissioner to make further enquiries in the matter :—Letter No. 20533, dated 5th instant, from the Commissioner, reporting that the house at Bhoiwada purchased for the extension of the Bhuleshwar Market was again advertised in the English and Vernacular papers and by placards and hand-bills, and, in accordance with the notice given, an auction was held, and the highest bid—Rs. 4,800—was that of Mr. Edaljee Hormasjee Batliwala (the highest bidder on the previous occasion).

No. 9860. *Resolved* : " That, as recommended by the Commissioner in his memorandum No. 20430, dated 4th instant, sanction be given to Messrs. Mulji

Liladhar Shah and Cursedji Hormusji Madon, Inspectors of Streets and Buildings, Engineer's Department, being allowed to contribute to the Municipal Fund from the date of their confirmation, the applicants being within the prescribed age."

No. 9861. *Resolved* : " That, as applied for by the Commissioner in his letter No. 20146, dated 1st instant, the Committee approve, under Section 91 of the Municipal Act, of an application being made to Government for the acquisition, under the Land Acquisition Act, of 107 square yards, or thereabout, of land at Koliwada, Mazagon, shown in red in the tracing marked ' A,' dated this day, and filed in supplement to minute book, the land being required for a public purpose, *viz.*, the erection of a latrine, and the owner of the ground not being willing to part with it."

No. 9862. *Resolved* : " That, as applied for by the Commissioner in his letter No. 20270, dated 2nd instant, sanction be given, under section 305 of the Municipal Act, to written notices being issued on the several owners of premises fronting or adjoining or abutting Old Sonapur Cross Lane, requiring them to level and metal the lane as the Commissioner shall direct."

The consideration of the following was postponed till next week:—Letters Nos. 18071 and 19092, dated 6th and 18th ultimo, from the Acting Commissioner, on the subject of leasing the Fire Brigade quarters at Paidhoni for Police purposes.

No. 9864. *Resolved* : " That the following be forwarded to the Commissioner for favour of remarks :—Memorandum from the Municipal Secretary, forwarding petition, addressed to the Corporation, from the residents of Colaba, complaining of alleged nuisance caused by the fish-sellers in Nowroji and Thomas Streets, Colaba, and also of the discharge of cesspool carts at the southern end of the street."

No. 9865. *Resolved* : " That the following be forwarded to the Commissioner for favour of remarks :—Letter, dated 24th ultimo, from Mr. Saishia R. Naidoo, asking permission to erect a stand-pipe and a trough on the western side of Crawford Market."

*Resolved*: "That Mr. Lalji Champsi be informed in reply to his letter, dated 3rd instant, that the Standing Committee have nothing further to add to the reply already communicated to him by the Municipal Secretary under his No. 1809, dated 14th May 1891."

No. 9866.

It was agreed that the memorandum forwarded by the Commissioner under his No. 20329, dated 3rd instant, on the subject of the claims of Messrs. Glover & Co., the contractors for the Tansa Dam Works, be printed on the minutes of this day's meeting and considered at the meeting after next.

On 20th February 1889, Mr. Glover addressed a demi-official letter to Mr. Clerke, in which he claimed extra payment on two grounds: first, a general increase for rubble masonry on account of unforeseen difficulties arising from the unhealthiness of the locality in which the work had to be carried out; secondly, a special rate for the unexpected nature of the work required for the preparation of the foundations. To these two claims was added a third as arising out of them, namely, one year's extension of the bonus period.

Mr. Clerke in reporting on these claims had no difficulty in expressing his opinion that the first was untenable, but with regard to the second admitted that work had been found necessary in preparing the foundations, which had not been contemplated by him when he drew up the specification, and which he now adds, was not in his opinion adequately remunerated by any rate entered in the schedule. This claim, he thought, demanded favourable consideration, as also the request for an extension of the bonus period which, however, the further development of events has rendered it unnecessary to dwell upon.

Mr. Ollivant hereupon took the opinion of the Municipal Solicitors as to whether the Contractors could for any of the reasons stated substantiate as of right under their contract a claim for extra payment, at the same time expressing his opinion that, so far as the Contractors' application imported considerations of indulgence as distinguished from contract obligations, the consideration of it should be postponed till after the completion of the work.

The Solicitors advised that the Contractors were not entitled under their contract to any additional special rates of extension of time on account of the difficulties which they may have had to encounter, and the extra expenses to which they may have been put by reason of the several causes specified in their letter. They were perfectly clear as to the risk of epidemics being in its nature a Contractors' risk and not one which would give them any legal claim on the Munici-

pality. They also advised that the second claim was one which could not be legally enforced, or the preparation of the foundations regarded as extra work in the sense of furnishing ground for successful proceedings against the Municipality, but notwithstanding this, they were disposed to think that the case was one for indulgence or concession, agreeing with the Commissioner that in this respect the matter was one for later consideration.

The Commissioner replied shortly to this effect :—

On 13th February 1890, Mr. Clerke forwarded copies of two more letters received from the Contractors, with his remarks thereon, and on 18th idem, copy of a third letter from the same quarter. In these letters Messrs. Glover and Co. repeated their claims in somewhat greater detail. They alluded to the unhealthiness of the locality, the high wages paid for imported labour, and the necessity of bringing lime in large quantities from a much greater distance than they had anticipated. But on these general grounds the propriety of granting an extra rate for masonry seemed doubtful. The circumstances which had confronted them must have been presented to their minds when they tendered, and it is well known that these very circumstances materially affected the rates of other tenderers. But independently of these general considerations they claimed extra payment on certain special grounds. One of these was in view of their arrangements for work being modified and labour specially retained in order to conform to the Engineer's instructions for giving effect to his plan for passing off flood water during the monsoon. For this modification Mr. Ollivant was of opinion, that they were entitled to be reimbursed for any extra expenditure to which they might be put, and compensation on this account has entered into the offer made by the Standing Committee and accepted by Messrs. Glover & Co.

Another claim was in respect of the unexpected depth of the foundations and increase in the quantity of masonry, these increases admittedly involving most unfavourable and unremunerative conditions. The answer to this was that the contract was a schedule-of-rates and not a bill-of-quantities contract, and both Mr. Clerke and the Chief Engineer for Irrigation, in reporting on the Tansa scheme, had laid special stress on the uncertainties of a trap formation as a foundation for a dam.

The remaining special ground of claim was in reference to what the Contractors have called "preparation of foundations." There have been many points along the line of dam where, after a general level of approved foundations has been reached, it has been found necessary to expend great time and labour in clearing out faults and fissures, for which the contract rate for excavation admittedly gave no adequate return. The Contractors maintained that this was altogether special work not provided for in the schedule of rates, and in support of their contention urged that

there was no rate in that schedule which could by any stretch of the imagination be deemed suitable. They asked therefore that under clause 10 of the specification a special rate or payment might be fixed. On the other hand, it would be urged that by clause 10 of the specification "The rates entered in the schedule are to be held to cover everything necessary for the due and complete execution of the works," and "a rate for any one description of work is held to include such items of other classes of work as are obviously necessary for its due completion and for these no separate or specific charge will be admitted." The works referred to are the construction of a dam to hold water and the foundation to be obtained must be suitable for that purpose, and it would be no answer to say that the foundations without the "special preparation" would have sufficed for some building other than a dam. On these grounds the Solicitors advised that the Contractors would not in their opinion succeed in making good their claim if they took legal proceedings. Mr. Ollivant thought, however, and Mr. Acworth concurs in this view, that there was certainly sufficient doubt to warrant the Contractors taking legal proceedings, and Mr. Ollivant, in consideration of this doubt and of the facts, which are undoubted that in such an event the Municipality would be put to some loss, and that the Engineer was of opinion that the case was one for indulgence, inclined to a reference to special arbitration. Nothing further, however, was for the time done, and on 11th December 1890 Mr. Clerke forwarded to the Commissioner a further letter from Messrs. Glover & Co., to which was appended a categorical statement of their claims under ten different heads giving jointly a total of Rs. 4,39,874, which they maintained to be due to them. In their letter the Contractors specially dwelt upon what has been before alluded to, the unfavourable nature of the foundations and the extra expense to which they were in consequence put. They argued that the flaws in the rock had been of an extent and of a character which rendered the work necessary to deal with them something outside of the contract and not covered by it, and supported this view collaterally by references to the estimated quantities contained in Mr. Clerke's report on the Tansa scheme and to the circumstances that these quantities were converted into rupees and adopted and shown in the monthly certificates. These two grounds of argument seem to be untenable. Mr. Clerke's report was a report to the Commissioner for his information and that of the Corporation, and though it was published and thus became in a sense public property, it was never meant to be, and it is believed was never in fact taken by any tenderer as a guide, still less as a guarantee as to the quantities of work to be done, or if it was, it was so taken at that tenderer's own risk; and as regards the monthly certificates the quantity of work done as compared with Mr. Clerke's original estimate of the quantity to be performed was shown in them merely for account purposes and in order to watch the financial development of the work. The

main argument that the extra labour of every class on the foundations being intrinsically of a nature and extent which admittedly could not be remunerated by any schedule rate were therefore not covered by the contract at all is a more serious one.

The ten heads of claim were as under:—

I and II.—Rs. 61,115-12-2
33,750- 0-0

Rs. 94,865-12-2

Though Messrs. Glover and Co. distinguish between the characters of these two claims, no other person to whom the matter has been referred has been able to do so, and they are therefore taken together. They embrace the demands on account of the unexpected nature of the foundations.

III.—Rs. 15,640+
8,000

Rs. 23,640

This was a charge under the first head on account of special arrangements made for filling in gaps in the dam before the rains of 1890, as directed by the Engineer, and under the second for "extra lime used in a congested space, and forced building."

IV.—Rs. 31,200 for extra expense to which the Contractors were put by opening special quarries to obtain such face stones for the dam as were considered necessary by the Engineer.

V.—Rs. 39,875 for the extra cost of extra masonry.

VI.—Rs. 51,000+
12,000

Total Rs. 63,000

The first sum is claimed as a reimbursement of losses caused in 1887, 1888 and 1889 by "much of the Contractors' general expenses being rendered useless to them," on account of delays caused by flaws in the foundations, and the second on account of stoppage of work which resulted from the Engineer's demands for face stones.

VII.—Rs. 6,000 on account of restrictions imposed on the Contractors in connection with the arrangements made for passing off the monsoon flood waters in 1889.

VIII.—Rs. 48,000 on account of losses through epidemics.

IX.—Rs. 50,000 on account of the extra cost of bringing lime from Nasik.

X.—Rs. 48,293+
35,000

Total Rs. 83,293

on account of losses caused in 1889-90 and 1890-91 by the duct Contractors raising their rates which the indulgences granted to them by the Corporation had enabled them to do and thus to

draw off Messrs. Glover and Co.'s labour and compel the latter to raise their rates also.

Grand Total Rs. 4,39,873-12-2.

On the receipt of this letter and after discussion of the subject with Mr. Clerke the Commissioner referred the whole question of liability to counsel through the Municipal Solicitors who drew up for his information a very full statement of the case. The questions submitted to counsel (Mr. Inverarity) were as follows :—

"Can Messrs. Glover and Co. legally maintain any claim against the Municipality—

I.

"On account of unforeseen difficulties and extra work in "foundations beyond what was expected?"

The answer was a guarded negative, counsel observing, "It is "almost impossible to advise with certainty on a general question "of this sort."

II.

"On account of additional costs and loss entailed by special "directions of the Engineer in order to meet the exigencies "of the work on the approach of the monsoon of 1890."

The answer was in the affirmative.

III.

"On account of the alleged necessity for special quarrying for "face stones for the dam."

Answer in the negative.

IV.

"On account of epidemics and sickness due to the unhealthiness "of the district."

Answer in the negative.

V.

"On account of bringing kunker for lime from Nasik."

Answer in the negative.

VI.

"On account of rise in prices and consequent enhanced outlay "alleged to have been caused by the concession made by the "Municipality to the duct contractors."

Answer in the negative.

On the receipt of counsel's opinion the Commissioner arranged for an interview with Messrs. Glover & Co.'s representative, Mr. Bedford, which was held on 24th April 1891. He had in consultation with Mr. Clerke, and with Mr. Inverarity's opinion before him, decided on the items and amounts which he was prepared to recommend the Standing Committee to allow to Messrs. Glover & Co. whether because they were legally due, because the issue of legal proceedings was too doubtful not to render compromise advisable, because a spirit of justice and fairness indicated the propriety of concession, or for all these reasons combined.

It appeared to the Commissioner that the claims made under head III (less Rs. 8,000) and head VII would be legally recoverable, and there was therefore no doubt in his mind that these two amounts, viz., Rs. 15,640 + Rs. 6,000 = Rs. 21,640, would have

to be paid. The claims under heads IV, V, VI, VIII, IX and X forming an aggregate of Rs. 3,15,368 were rejected. Heads I and II which embraced together a claim for Rs. 94,865 referred, as has been already stated, to the difficult question of foundations. The first point which had to be considered was whether the claim was over-stated with reference to the expenses which the special and unforeseen difficulties of the foundations had entailed. As to this Mr. Clerke had no hesitation in saying that it was not, and that value had been received by the Municipality to the full amount claimed. The next point was whether the claim was one which could be enforced in a court of law. As to this no assured conclusion was possible. The opinions of the legal advisers of the Municipality have already been given, and that of Mr. Inverarity was very far from being of a decided character. On the other hand, the Contractors have on numerous occasions stated that they have been legally advised to the effect that the claim was undoubtedly enforceable, and though to this statement was of course assigned only that amount of weight which it appeared to deserve, yet it added force to the doubt which both Mr. Ollivant and Mr. Acworth have entertained upon this subject.

It is here necessary to advert to another aspect of the question upon which deserved stress has been from time to time laid, and that is the manner in which Messrs. Glover & Co. have performed their contract. In their letter of 14th October 1890 Messrs. Glover & Co. say :—"We claim for ourselves that when grave difficulties "thrust themselves in the way of our carrying out the enterprise "we did not stop and say to the Commissioner this is something "entirely new and we must be specially recompensed for it. On "the contrary, in the midst of great difficulty and discouragement, "in accordance with our usual practice, we have persevered and, "at enormous cost to ourselves, practically secured what was "wanted, viz., efficient and timely construction of the works. In "circumstances such as these we think we are fairly entitled to "ask that the matter of the contract having turned out to be so "entirely different from what it was intended on both sides to be, "our claim shall be placed in as good a position as if we had "wasted the time of the Commissioner and ourselves by stopping "work till a new contract was adjusted. The communications "which have passed from time to time between your staff and us "in regard to what we were called upon to do would make it plain "to the Commissioner that we consider we were doing for the "Municipality work which has not been specified and which was "not within our contract terms, and we respectfully submit that it "cannot be in the mouth of the Corporation to say that we shall be "serious losers by our complacency."

Again in a letter, dated 5th May 1891, after the Commissioner had made his statement to them of what he was prepared to recommend, the Contractors wrote to him as follows :—

"The main ground upon which we rely is that we have been "required to do work for which the Municipality did not call upon

"us to" [*sic*] "and for which we did not tender, and work conse-
"quently for which it was not intended that we should and for
"which we did not contract; with the result that our entire con-
"tract has been thereby affected in such a manner and to such an
"extent as to cause us a very serious and heavy loss.

"When the Municipality advertised for tenders for the construc-
"tion of the dam, we applied at the Municipal Office for inform-
"ation as to the work which the contractors would be required
"to do, and we were supplied with a blue book containing a report
"on the Tansa water supply project.

"To this report was annexed a longitudinal section along the
"proposed site of the dam, being drawing No. 2, annexed to the
"report.

"This drawing is referred to in paras. 20, 21 and 22 of the
"report, and to those paragraphs we beg to refer. It is there
"stated that the probable rock line has been shown upon the
"drawing, and that it was based upon trial shafts which had been
"sunk along the dam site. The report goes on to say that 'in a
"'trap formation until the whole line of the foundations has been
"'opened it is impossible to say how the line of rock may run.'
"This passage suggests a risk in connection with the foundations,
"inasmuch as the true rock line might, in places, be at greater
"depth than those shown in drawing No. 2. This risk no doubt
"was one which every contractor who tendered for the contract
"was expected to take upon himself. There is nothing, however,
"in the report to indicate that the risk would extend beyond the
"excavations necessary for finding rock, and it points clearly to the
"conclusion that when a rock foundation had been reached, all
"that would remain for the contractor to do would be to excavate
"the rock to a sufficient depth, say two feet below the rock line
"mentioned in para. 22 of the report, and lay in the foundations.

"When, however, we proceeded to open up the foundations it was
"found that along the whole length of the rock line in numerous
"places there were fissures and dykes, which had to be thoroughly
"eliminated and specially prepared for the foundations.

"This work of elimination and special preparation was not con-
"templated by Mr. Clerke in preparing the specifications, as he
"has more than once expressly stated. This work, therefore, was
"not intended to be included in the tender, there is no mention of
"it in the specifications, there are no rates applicable to it, and it
"is not included in the contract.

"We submit that so soon as it was discovered that this work of
"elimination and special preparation was necessary for the con-
"struction of the dam, we should have been justified in at once
"requiring a revision of the terms, which must necessarily have
"involved the abandonment of the original contract and the
"settlement of new terms upon a different basis.

"It was not, however, anticipated even when the first fissures "and dykes were laid open that they would extend at intervals "along the whole length of the line of formation. Such, however, "has proved to be the case. The result has been that we have in "fact performed a large quantity of work of a very costly nature "which is altogether outside the contract, and formed no part of "the work which we contracted to do.

* * * * *

"As we have stated we should have been justified, so soon as the "unforeseen and treacherous nature of the rock line was first dis-"covered, in requiring a complete revision of the terms of the "contract. We prepared, however, to contend against the diffi-"culties with which we were unexpectedly confronted, trusting to "the justice of our case and the sense of fairness on the part of the "Municipality to revise the terms, when we had successfully "carried our work to a conclusion."

No fair-minded person will doubt that the references contained in the above on the part of the Contractors to the loyalty and thoroughness with which they have carried out their work in spite of every difficulty which confronted them, are no more than the truth; and though it is not possible to accept the reasoning, particularly that part of it which refers to Mr. Clerke's report, by which they desire to establish the intrinsic legality of their claim, yet the extent of the special work to which they refer, and the admitted fact that there is no rate in the schedule which can be suitably applied to it, rendered it in the Commissioner's judgment a matter for very serious doubt whether a court of law would not, if the case had been referred to it, have taken Messrs. Glover & Co.'s view that it amounted to a new work uncovered by their contract.

Taking all the circumstances, therefore, into consideration, the fact that the value of the claim had been received by the Municipality, that the question whether it could be legally established or not, was, to say the least, doubtful, and that Messrs. Glover & Co. had carried out their work in so praiseworthy a manner the Commissioner agreed to recommend the claims made under heads I. and II. to the favourable consideration of the Standing Committee.

The recommendations therefore which the Commissioner consented to make were these :—

| | | |
|---|---|---|
| Heads I. and II. ... ... | Rs. | 94,865 |
| Head III. (less Rs. 8,000) ... | „ | 15,640 |
| Head VII. ... ... ... | „ | 6,000 |
| | Rs. | 1,16,505 |
| Or roundly ... ... ... | „ | 1,20,000 |

His views were approved and adopted by the Standing Committee and the sum in question was sanctioned and paid to Messrs. Glover & Co. with an additional sum of Rs. 5,000 on account of the Atgaon-Tansa road, making a round total of a lakh and a

quarter. This road had been constructed by the Contractors for their own purposes and having ceased to be useful to them will continue to be very useful to the Municipality. They endeavoured to establish as of right a claim to a much larger sum on this account, but it was clear that no such claim existed, and what was paid to them on this account was granted as a matter of indulgence and as compensation for a valuable property.

The sum paid to Messrs. Glover & Co. was paid by order of the Standing Committee under the revised estimates sanctioned by the Corporation and it is inexplicable how any question can have been raised as to the authority of the Standing Committee to do so. No such question was at the time even suggested by any member of the Standing Committee. The proper time for the discussion of Messrs. Glover and Co.'s claims by the Corporation was of course when the revised estimates were before them, containing a provision of 1½ lakhs on this account, on which there has been a saving of a quarter of a lakh.—H. A. ACWORTH, Commissioner.

28*th November* 1891.

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No. 20329 OF 1891-92.

BOMBAY, 3*rd December* 1891.

Forwarded to the Standing Committee with reference to their resolution No. 6734 of 16th September 1891.—H. A. ACWORTH, Commissioner.

Considered the following :—

No. D4833 OF 1891-92.

BOMBAY, 11*th November* 1891.

TO THE ACTING COMMISSIONER.

SIR.—With reference to your No. 16581 of 19th October 1891, I have the honour to report that the alleged deficiency in coal was due to errors in the calculation of daily consumption and that there is no reason to doubt but that the coal was actually consumed.

2. The so-called deficit is the difference between the quantity actually weighed when received and afterwards consumed and the total of the estimated quantities of daily consumption returned in the daily log reports.

3. The daily average consumption of coal as entered in the log reports during the 199 days that the supply received from Messrs. Killick, Nixon & Co. lasted was 5⅜ tons.

4. The daily average based on actual consumption during the 199 days is 7⅜ tons (value Rs. 145).

5. The average daily consumption in the past year 1890-91 was 7⅖ tons (value Rs. 154).

6. The supply of coal was obtained last year from coal contractors and the current year's supply is delivered direct from the

ships. Under the present system there is necessarily more dust, and though the disadvantage in dust is compensated for by the rates being lower, yet the current year's average quantity of daily consumption cannot fail to be more than it was last year.

7. Under the old system coal was generally indented for in quantities to last only a month (except during the rains, when a supply to last for about four months was received at one time just before the rains set in), and there was, therefore, no room for the occurrence of such a book deficiency. The present occurrence is the first of its kind, and the Superintendent of Workshops has now adopted a system of check to keep the account of consumption as accurate as possible and prevent a repetition of a similar apparent deficiency in the future.

8. Under the present system for the supply of coal a previous arrangement is made by the Commissioner with the importers for the purchase of coal by shipments at the ruling market rates.

9. On the arrival of a shipment the importers send an intimation to me, and I then advise them as to the quantities to be delivered at different places.

10. The landing contractor employed by the importers then gives delivery accordingly.

11. At the Love Grove Pumping Station carts laden with coal are weighed on the platform of the weigh bridge as they arrive, sometimes in the presence of the Engineer in charge and at other times in that of a clerk from the Municipal Workshops who takes throughout the tally of the cart thus weighed.

12. When the delivery of the specified quantity is completed by the landing contractor the Superintendent, Municipal Workshops, submits to this office the tally clerk's statements for which the following prescribed form is in force :—

| Number of carts. | Tin plate No. on each cart. | Gross weight. | Tare of cart. | Nett weight. |
|---|---|---|---|---|
| | | | | |

13. These statements remain on the records of this office and the bills presented by the suppliers are audited and passed for payment on the authority of these statements and the certificate of the Superintendent of Municipal Workshops.

14. The coal consumed daily is not weighed, but is removed in baskets from the stock to the boilers by a coolie, and the Engineer in charge enters in his daily log report the weight of the coal consumed, computed from the number of baskets. No other account of the daily consumption is kept.

15. The coal at the Municipal Workshops is similarly delivered and is received by the Inspector of Stores, who, as in the case of all other articles required by the Workshops, keeps an account

of the coal. The quantity used by the Workshops is very limited, being only about 30 tons a month, and it is issued every month to the Workshops by the Inspector of Stores.

16. The correspondence [to be returned] which passed between this office and the Superintendent of Workshops is herewith forwarded.—I have, &c., RIENZI WALTON, Executive Engineer, Municipality.

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Memo. No. D4981, dated 19th November 1891, to the Commissioner as under :—

The Engineer at the station verifies, as far as possible, the returns of the tally clerk. The Engineer remains present during portions of the time when the coal is being weighed. The weighment book in which the tally clerk makes entries of the weight of each cart load remains at the station with the Engineer and the Engineer passes receipt to the contractors every day for the quantity delivered during the day.—RIENZI WALTON, Executive Engineer.

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No. 19737 of 1891-92.

*25th November* 1891.

These papers are forwarded to the Standing Committee. There can be no doubt as to the cause of the discrepancy, namely, careless measurement, and for this Mr. Rowe alone is responsible. It is idle for him to attempt to shift responsibility on to the Engineer, whose duty it is merely to carry out Mr. Rowe's instructions. The Commissioner has shown his sense of the nature of the occurrence by inflicting a fine on Mr. Rowe.—H. A. ACWORTH, Commissioner.

No. 9868. *Resolved* : "That memorandum from the Commissioner, No. 19737, dated 25th ultimo, be *recorded*."

No. 9869. *Resolved* : "That the following be forwarded to the Commissioner, for favor of investigation :—Letter, dated 30th ultimo, from Saraswatibai, wife of Gunpatrao Pandurang, on the subject of the rebuilding of her house at Cavel."

The following return was read and *recorded* :—

Return of fires at DeLisle Road and Ripon Road, forwarded with the Commissioner's memorandum No. 20062, dated 30th November 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 6th December 1891.

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* *See* Appendix E. † *See* Appendix C.

The Commissioner asked the sanction of the Committee to the following corrections in the Budget estimates for 1892-93 :—

*Page* 70, *Statement No.* 10.

The item of Rs. 1,42,500 for Vehar Water Works instalment to be Rs. 1,60,150;

The item of Rs. 1,42,500 for Vehar Water Works instalment to be Rs. 1,60,150 ;

The item of Rs. 5,000 for "miscellaneous" loan charges to be Rs. 500 only ; and

The item of Rs. 25,000 for interest on a portion of the loan for Water Works, Drainage, &c., to be raised in 1892-93, to be Rs. 11,850.

These alterations were sanctioned, the total being left as before, namely, Rs. 21,68,277-4-10.

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BOMBAY, 16*th December* 1891.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDASS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C. S., Commissioner ; and the SECRETARY.

The minutes of the meetings held on the 2nd and 9th instant were signed.

No. 10274. The seal of the Corporation was affixed to deed of agreement with the Bombay Telephone Company, permitting them to set up and use telephone wires in public streets for the period of one year, from 28th November 1891.

On the question of affixing the seal to deed of agreement in duplicate between Messrs. Karsandas Natha and Mulji Purshotumdas, trustees of the will of the late Mr. Keshowji Jadhowji, and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property No. 468/476, situated at the junction of Musjid Bunder Cross Road and Abdul Rahiman Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, or of any further work which may hereafter be added

to it, and in the event of the said land being required, the same to be given to the Corporation at the rate of Rs. 75 per square yard.

It was proposed by Abdalla M. Dharamsi, Esq., seconded by A. G. Viegas, Esq.—

"That the set-back of the 175 square yards, or thereabout, of ground belonging to Messrs. Karsandas Natha and Mulji Purshotumdas, trustees of the late Mr. Keshowji Jadowji, at the junction of Musjid Cross Road and Abdul Rahiman Street, be enforced at once.

The motion was *lost*, the votes being 7 *against* and 5 *for*.

No. 10275. The deed was then sealed.

The seal was also affixed to deed of contract with Messrs. Bhedwar & Co., for filling up of low lying ground in the compound of the Infectious Diseases Hospital, Arthur Road.

No. 10277. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 20927, dated 11th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure, built without permission :—

| Name of owner. | Where. |
|---|---|
| Mr. Raghunath Tarachund ... | ... No. 73, Cavel Street." |

No. 10278. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21265, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 10279. *Resolved*: "That, as applied for by the Commissioner in his letter No. 20625, dated 7th instant, the Corporation be recommended to sanction the expenditure of Rs. 1,747 from savings in the grant of Rs. 2,400 for rent of quarters for halalkhors, Health Department Budget, for the current year, to meet the cost of providing proper bathing and drainage arrangements and constructing the west external wall of a chawl at Dadar, which was lately purchased in connection with the new Matunga Road, and part of which it is proposed to utilise for the accommodation of halalkhors of the Parel Ward."

No. 10280. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 20851, dated 10th instant, sanction be given to the transfer of

Rs. 450 from savings in section 3A, miscellaneous drainage, Executive Engineer's (Drainage) Branch, to section 4 A, miscellaneous drainage, printing and drawing materials, same branch, to meet excess on the latter grant, the Budget provision for which is inadequate."

No. 10281. *Resolved*: "That, as applied for by the Commissioner in his letter No. 20757, dated 9th instant, sanction be given, under the terms of sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. J. H. Littlewood, for the recovery of Rs. 7-8, being the amount of the tax on a horse kept by him during the quarter ended 31st March 1889."

No. 10282. *Resolved*: "That the following be *recorded*:—Letter No. 21053, dated 14th instant, from the Commissioner, reporting, under Rule XVI, section C, chapter 1, of the by-laws, the appointment of Mr. E. Glynn as Sub-Inspector of Markets on Rs. 50 per mensem, and that he is over 35 years of age. Stating that the special reasons for appointing him are, that he appears to be a suitable man for a post in which temptations are great."

No. 10283. *Resolved*: "That the following be *recorded*:—Letter No. 21031, dated 14th instant, from the Commissioner, reporting that he has sanctioned the purchase, from Messrs. Richardson and Cruddas for the enclosure of the Municipal ground at Pawai, of 8,000 running feet 5-line wire fencing, complete with angle iron standards, 6 double straining posts, 2 field gates, &c., for Rs. 2,075. The cost to be met out of the grant of Rs. 2,530 sanctioned by the Corporation in June last."

No. 10284. It was agreed that the two following letters from the Commissioner, to the Secretary, be *recorded*:—No. 20533, dated 5th instant, on the subject of the proposed sale of the house at Bhoiwada, purchased from Mr. Jaikisondas Gangadas for the extension of the Bhuleshwar Market, No. 20974, dated 12th instant, stating the Executive Engineer confirms the opinion expressed at the Committee, that the sum offered for the house in question is inadequate. Consequently it is proposed not to confirm the sale (to Mr. Edulji Hormusji Bottiwalla for Rs. 4,800), but that the house should continue to be let on a monthly tenancy until it is necessary to remove it.

Read memorandum No. 20745, dated 9th instant, from the Commissioner, to the Secretary, forwarding the following report from the Executive Engineer, Tansa Works, on the subject of the completion of the Tansa Duct Works :—

SIR,—Under the terms of the supplemental contract with Messrs. Walsh, Lovett, Mitchell & Co., the 1st of March 1892 is, as you are aware, the date by which the line of duct should be so far completed as to be available for delivering Tansa water into the Vehar Lake. Less than three months remain to that date, and it seems desirable that I should now report to you what the prospects in my opinion are—firstly, as regards the works being so far completed as above by that date, and, secondly, as regards the probable date by which Tansa water can be brought direct into Bombay.

1. Tunnel No. 2 is not yet completed. It has been driven through some months ago, but the shaping is not yet finished, nor is it probable that it will be so before the middle of January—that is, if there be no hitch. An accident or a serious outbreak of sickness would delay the completion to a later date. The other tunnels, with the exception of Nos. 9 and 10, are completed, and in these but little work remains to be done. The whole of the conduit up to the north end of syphon No. 6 (at 24½ miles) was built before last rains. From the south end of syphon No. 6 (at 36 miles) to Vehar (at 41 miles) portions of the conduit remained unbuilt at the beginning of the rains. These will be all completed by the end of the current month. Some defects have appeared during the last rains in portions of the conduit walling on this section which had been built before the rains. The causes of these defects are not very clear. They consist of slight cracks in the walls, mostly where they are situated in deep cuttings, and I am inclined to the opinion that they are due to the whole of the soil having become charged with rain water. They are not serious, but I think it best to take measures to remedy them now, and these measures can, I believe, be carried out before the rest of the duct is fit for the passage of water. All the syphons were laid before the beginning of last monsoon. During last rains I tested them all by water impounded in the conduit from hillside streams, and passed from the conduit into the syphons. The tests were on the whole satisfactory. On the first attempt to test syphon No. 6, before the test was fully completed, a pipe situated in the lowest part of the syphon burst. This burst was made good, and after some weeks the test was repeated with full head with satisfactory results. A great portion of the conduit has been tested by water brought in from hillside streams. On the portions so tested the results have been in many cases good, but in some places they are not satisfactory. These are now being examined. Some defects have been discovered, and the necessary steps to remedy them are being taken. Some portions of the conduit built before the rains I have been unable to test, as hillside streams were not available. These, as well

as the portions south of syphon No. 6, which had not been built before the rains, must remain untested till Tansa water can be brought into them. As soon as this can be done, the test shall be made. These will occupy some little time, and should any serious defects show themselves, it may take some time to make them good. It will also be advisable when Tansa water is available right through to Vehar to make certain experiments in regard to the discharging capacities of conduits and syphons, and while this is being done, the conduit cannot be utilized. I do not think there is much doubt that Messrs. Walsh, Lovett, Mitchell & Co. will have completed their work in accordance with the terms of their contract before the 1st March 1892, and on the whole I think the probabilities are in favour of our being able to pass Tansa water into Vehar Lake by that date.

2. Assuming that the above forecast should prove correct, the further question of carrying the water direct into Bombay has to be considered. The portion of the duct from the Vehar Lake to Ghat Kopar (at 45⅙ miles) is nearly completed. A small culvert failed here last rains. The re-building of it is in progress, and I think this portion will be ready for the passage of water as soon as it can be passed into Vehar. The Ghat Kopar-Bombay section of the duct is a continuous line of 48″ pipe 9½ miles in length. This section has presented some difficulties. The crossing of the Kurla Creek has been troublesome, and the pipe-laying along the Supari Baugh and Arthur Roads, where the pipe trench is mostly in rock cutting, has been tedious. Still I think this section will be ready for the conveyance of water from Ghat Kopar to the level crossing at Chinchpoogly not later than 1st of March. There remain the bringing of the pipe under the G. I. P. Railway to the west side, where the junctions with the existing systems are to be made: the sub-way has to be built by the Railway Company. There has been a good deal of delay in this matter. The questions in regard to it have now been arranged, and I hope the work may proceed rapidly. I have no doubt the Chief Engineer of the G. I. P. Railway will see that the work is pushed on. It is, however, I think doubtful that this work will be ready by 1st of March, but in the course of another month I shall be able to speak more definitely on this point.

3. The fact has to be borne in mind that on a duct of such a length (some 55 miles) and composed of works of varied character and of considerable magnitude, there are possibilities of failures on its first being brought into operation, which may prevent it being utilized on the dates above indicated.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa.

No. 10285. *Resolved:* "That memorandum No. 20745, dated 9th instant, from the Commissioner, forwarding report from the Executive Engineer, Tansa Works, be *recorded.*"

No. 10286. The following was *withdrawn*, the Committee agreeing with the Commissioner that the consideration of the question is premature:—Letters Nos.

18071 and 19092, dated 6th and 18th ultimo, from the Acting Commissioner, on the subject of leasing the Fire Brigade quarters at Paidhoni for Police purposes.

Read letter No. 20707, dated 8th instant, to the Secretary, as under :—

SIR,—With reference to the notice issued in my name with the sanction of the Standing Committee on the 23rd January 1891, on the subject of ½th drawback and the general conditions under which alone it should be granted, the experience of nearly a year has convinced me that some relaxation is advisable. The clause 3, which prescribes the time within which applications for drawback must be made, often operates harshly in its incidence. It is difficult to lay down any general rule which shall not operate harshly in the absence of any discretionary power lodged in the Commissioner, and I shall be obliged, therefore, if the Standing Committee will allow clause 3 of the general conditions to be modified by the insertion between the word "submitted" and the word "not" of the words "except with the special sanction of the Commissioner." I shall also be obliged if the Standing Committee will allow me, in my discretion, to give retrospective effect to this alteration.—I have, &c., H. A. ACWORTH, Commissioner.

No. 10287. *Resolved :* "That the Standing Committee sanction the modification in clause 3 of the 'general conditions' prescribed by them (in resolution No. 9274, dated 17th December 1890) under section 158 (2) of the Municipal Act, as proposed by the Commissioner in his letter No. 20707, dated the 8th instant, and authorize him to give retrospective effect to such modification."*

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* The amended form of notice is as follows :—

½TH DRAWBACK.

NOTICE.

IT is hereby notified that the Standing Committee of the Corporation has, under the provisions of Section 158 (2) of the City of Bombay Municipal Act, 1888, prescribed the following general conditions to be observed in granting allowances of ½th Drawback of the General Tax :—

1. Drawback shall be granted in every case in which it would have been allowed under the Acts of 1872 and 1878, Section 76 (2).

2. Drawback shall be granted in every case in which the property concerned has remained generally, wholly or partially vacant for more than thirty and less than sixty days.

3. All claims for Drawback must be submitted, except with the special sanction of the Commissioner, not less than thirty days previous to the commencement of the half-year to which the claim relates.

The provisions of Clause 2 of Section 76 of the Acts of 1872 and 1878 are :—In the case of any chawl or building let out for hire in single rooms, either as lodgings or godowns for the storage of goods, a remission of one-fifth part of the consolidated rate should be granted, provided that no such remission be granted for any floor on which any trade or manufacture is carried on, or any goods sold.

Applicants for Drawback should see the Assessment Department Ward Superintendents at their respective Ward Offices with reference to the second condition prescribed by the Standing Committee.

H. A. ACWORTH,
Municipal Commissioner
for the City of Bombay.

MUNICIPAL OFFICES :

No. 10288. *Resolved*: "That the Corporation be recommended to inform Hadji Cassum Mitha and others, in reply to their petition, that the materials used in the structure of the building in Kala Chowki Road complained of are stated by the Executive Engineer to be fairly good, that the building is not unsafe, and he certifies that the statement made by the petitioner that the Engineer's Department is dealing leniently with the owner, is incorrect."

No. 10289. *Resolved*: "That the following be forwarded to the Commissioner for favor of remarks:—Petition, dated 7th instant, from Messrs. J. J. Bareto, Bapujee Ballajee and others, stating that the water used for bathing and washing purposes at the Leper Asylum at Matunga at present runs into their fields, and requesting that such water be drained in another direction."

No. 10290. *Resolved*: "That the Corporation be recommended to inform Mr. Enoch Soloman, with reference to his petition regarding his dismissal from the Municipal service, that the power of dismissal is vested in the Municipal Commissioner, and that the Corporation are unable to accede to Mr. Soloman's application."

No. 10291. *Resolved*: "That the following be *recorded*:—Memorandum No. 20661, dated 8th instant, from the Commissioner, forwarding analyses of water as under:—

*Sample of unfiltered Vehar Water obtained from settling basin of the Bhandarwada Hill Reservoir on 1st December* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... | ·04 |
| Albuminoid Ammonia ... ... ... | ·10 |

*Sample of unfiltered Tulsi Water obtained from inlet well of the Malabar Hill Reservoir on 1st December* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·10 |
| Albuminoid Ammonia ... ... ... | ·15 |

*Sample of filtered Tulsi Water obtained from the distributing tank of the Malabar Hill Reservoir on 1st December* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·05 |
| Albuminoid Ammonia ... ... ... | ·10 |

*Sample of Pawai Water obtained from the Lake near the outlet tower on 1st December* 1891.

| | Parts per million. |
|---|---|
| Free Ammonia ... ... ... ... | ·19 |
| Albuminoid Ammonia ... ... ... | ·03" |

The following return was read and *recorded* :—

Return of fires at Anantrishi Wadi, Dadar (Kumbharwada) and Parel Road, forwarded with the Commissioner's memorandum No. 20628, dated 7th December 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 13th December 1891.

Read letter No. 21284, dated this day, from the Commissioner, to the Secretary, as under :—

SIR,—I have the honour to forward herewith copy of Government Resolution No. 460 C. W.—1624 of the 25th September last, Public Works Department, and to state that as Government have given free of cost and on certain conditions the several pieces of land referred to therein in the vicinity of the new Municipal Offices for gardens, roads, &c., as shown on the accompanying plan, I have the honour to request the sanction of the Standing Committee and Corporation to an expenditure of Rs. 6,295 for constructing a road to the North and North-West of the building and also paving other portions on the sides of it.

As the road is according to the conditions stipulated to be kept private for the present, the cost of it, *viz.*, Rs. 3,407·83, should be met in the first instance only out of the premia on the loan yet to be raised for the building, to be adjusted finally, and when the road is thrown open to the public, against the 15 lakhs loan for roads in Agripada and elsewhere.

The cost of metalling, &c., other spaces, *viz.*, Rs. 2,887·17, may be met out of the premia referred to.—I have, &c., H. A. ACWORTH, Commissioner.

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*Site for Municipal Offices, Bombay—Conditional grant to the Municipality of certain ground in the vicinity of the.*

No. 460 C. W.—1624 OF 1891.

PUBLIC WORKS DEPARTMENT. BOMBAY CASTLE, *25th September* 1891.

Memorandum from the Superintending Engineer, Northern Division, No. 3361, dated 17th July 1891.

With reference to Government Resolution No. 239 C. W.—856, dated 22nd May 1891, submits correspondence, which has passed between his office and the Municipal Commissioner for the City of Bombay, together with a tracing, on the subject of certain proposals for the reservation of plots of ground in the vicinity of the new Municipal Offices at Bombay. Proposes (*a*) that the strips, coloured yellow, 10 feet in width, on the Cruickshank Road and Hornby Road faces of the new Municipal Buildings, should be

* *See* Appendix E. † *See* Appendix C.

made over to the Municipal authorities for garden or grass slopes; (*b*) that the portions, coloured yellow and scored red, should be made over to the Municipality for pavements or for widening the road; (*c*) that the portions, coloured blue, should also be made over to the Municipality for road purposes; (*d*) that the balance of the triangular space, coloured red and pink, should be made over to the Municipality, as agreed on, but on condition that it is to be enclosed in such a manner as to prevent dedication to the public. States that, according to this, the yellow strip, referred to under (*a*), and the area under (*d*), would be included in the lease, but the other portions would be dedicated to the public for road purposes, and it is presumed that these would not be shown in the leases. Adds that the Municipal Commissioner concurs in the above proposals; and makes remarks.

Memorandum from the Superintending Engineer, Northern Division, No. 4315, dated 12th September 1891.

With reference to his office No. 3361, dated 17th July 1891, forwards a letter from the Municipal Commissioner for the City of Bombay, inviting attention to his No. 8712, dated 14th July last, and requesting to be informed whether Government have approved of the arrangement set forth in his letter No. 3118 of 6th idem.

RESOLUTION.—The several proposals may be agreed to, and the land may, in each case, be given free of charge, on the conditions that the spaces to be included in the public road are metalled, kerbed, paved and otherwise fitted for the purpose at the expense of the Municipality; that the space (coloured red) reserved for statuary is enclosed by an ornamental railing, at the expense of the Municipality, the right of using or sanctioning its use for a statue or statues, or fountain, being reserved to Government; and that the proposed road on the north and north-west of the site be constructed and maintained by the Municipality, the land for the purpose being allowed to be used free of charge by Government.

2. As regards this last condition, to meet the wishes of the Municipality, the road is to be kept private; the gates at each end, which are necessary to secure this, should be provided by the Municipality. The necessary document should be drawn up by the Solicitor to Government, by which Government will covenant to allow the Municipality, and persons authorised by them, free passage over the road for ten years. The Municipality to covenant to repair the road. The road to be kept as a private road, and Government to have the right of closing the same at intervals, for the purpose of preserving Government interests. Government to have the right at any time to throw the road open to the public entirely, and to call upon the Municipal Commissioner to declare the same a public street. Any clauses that may be considered necessary by the Solicitor to Government, for the purpose of preserving the rights of Government over the road in question, while the same is a private road, are to be embodied in the Deed to be drawn up.—C. T. BURKE, Acting Under-Secretary to Government.

*Resolved:* "That, as applied for by the Commissioner in his letter to the Secretary, No. 21284, dated this day, the Corporation be recommended to sanction the expenditure of Rs. 6,295 for constructing a road to the north and north-west of the new Municipal Offices, and also of paving other portions on the side of the road. The cost to be met out of the premia on the loan yet to be raised for the building.

No. 10293.

"2. That when the road is thrown open to the public, the cost of its construction, *viz.*, Rs. 3,408, be adjusted against the 15 lakhs loan for roads in Agripada and elsewhere."

Read memorandum No. 21307, dated 16th instant, to the Secretary, as under:—

With reference to the Standing Committee's resolutions Nos. 6733, 8374 and 9094, of 16th September, 4th November and 18th November 1891, respectively, the Commissioner has the honor to forward a report from the Executive Engineer on Mr. Framjee's system. Mr. Framjee has exhibited to the Commissioner the model commented on by Mr. Walton, and the Commissioner can form no conclusion but that at which Mr. Walton has arrived. Mr. Framjee appears to have another scheme for sewer cleansing, but this he declines to disclose. He proposes to the Commissioner that the Municipality should accept this scheme, adopt it, and hand over to him whatever savings on the Drainage Budget may accrue from its adoption during two years by way of remuneration. The Commissioner explained that it was perfectly impossible for him to adopt or ask the Corporation to adopt any system of sewer cleansing which had not in the first instance been disclosed to him or to them, so that he or they might be able to judge of its merits, but this argument was ineffectual. He also enquired whether Mr. Framjee wished to appear before the Standing Committee or a Committee of the Corporation, but Mr. Framjee appears now not to desire this.

It is now for the Standing Committee, who have been appealed to on several occasions by Mr. Framjee, to adopt any course they think proper.—H. A. ACWORTH, Commissioner.

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No. D 5062 of 1891-92.

MUNICIPALITY OF BOMBAY,

*25th November* 1891.

SIR,—In reply to your No. 19562, dated 23rd November 1891, I have the honor to state that in accordance with your No. 14535, dated 22nd September 1891, I invited Mr. Adarjee to an interview with me by letter, dated 24th September 1891, and accordingly he attended, accompanied by another gentleman, on the 1st October 1891.

2. At this interview he produced a very indifferently made model of his proposed system of house connections. It was not made to any scale, and so badly fitted that it was with the greatest difficulty it could be held together during the period in which he explained his process.

3. As far as I could gather from him and his friend the proposal is as follows :—

To have a catch-pit at the mouth of house gully fitted with a valve to close the same from the street sewer. Into this catch-pit all the sewage of the house is to be collected, and at periods which he did not determine, but originally stated as once in 24 hours, a flush from the upper end of the gully was to be effected, by which the contents of the catch-pit were to be driven into the sewer.

4. He was not clear upon the point whether he intended a catch-pit for each house connection or for the entrance of the gully only, nor was he explicit as to how the flush was to be obtained. At first I understood him to say that the accumulation in the catch-pit was to be used as its own flush, and that at each house connection a catch-pit was to be placed, the sewage being stored there for 24 hours and then suddenly released into the sewer, but I afterwards gathered his intention was to have one catch-pit only to each gully and to flush that from a separate cistern.

5. I showed Mr. Adarjee a working model of the house connections now in use, and explained its process to him and pointed out how much more simple it was in every way than that which he proposed, and I also told him what in my opinion was the defect of his system : 1st, that it was in fact a re-adoption of the cesspool system, a system which the Corporation is very properly doing its utmost to eradicate, and 2nd, that the catch-pits, if sufficiently capacious to hold 24 hours' sewage, must be deep (for the contracted width of the gullies prohibited any extension laterally), and as in many instances it was difficult to find sufficient grade for the house pipe to the sewer, if his catch-pit was introduced, its floor would be too low to admit of its being flushed into the sewer. I demonstrated this to him repeatedly, but I failed to make him understand that this objection alone would render his proposal impracticable.

6. I then reminded him that his proposal to the Corporation was not for house connections, but for a system for flushing and brushing the sewers, cleaning them in fact, and I asked him to be kind enough to explain his proposal. This he declined to do from fear of piracy.

7. I then offered to apply for your sanction to his being allowed to experiment on a section of one of the sewers, and I stated my opinion that if the test proved satisfactory and met with your approval, he would find himself amply remunerated by the Corporation for his invention. He thanked me for this offer and stated his intention to communicate his acceptance at a future date.

8. As the whole interview was conducted with the most complete courtesy on both sides and with an entire absence of any controversy, I cannot but express my surprise at the tone of his letter of the 14th instant, which implies the absence of a patient hearing and an unjust and hasty condemnation of his proposals.

9. As Mr. Adarjee failed to write to me as he promised to do, and as I wished to avoid any semblance of a desire to burke his invention, when the second reference was made to me under your No. 18269, dated 9th November 1891, I wrote a short memo. to the Deputy Executive Engineer, Drainage, asking him to see Mr. Adarjee's proposal and to forward a report to me. Mr. Smith accordingly invited Mr. Adarjee to a second interview for this purpose, but this, as stated in the latter's letter of the 14th November 1891, he does not intend to comply with.

10. I entirely and completely repudiate the insinuation that I did not accord a patient hearing to Mr. Adarjee, and can only suppose that the charge has arisen through his disappointment in having failed to convince me of the value and practicability of his proposal.

11. I would suggest that Mr. Adarjee be asked to produce his model before you. I will then point out the objections to it and leave you to judge whether they are just or otherwise.

12. I am informed Mr. Adarjee tried to obtain the adoption of his proposals by the Corporation of Calcutta and that he completely failed.—I have, &c., RIENZI WALTON, Executive Engineer, Municipality.

No. 10294. *Resolved*: "That letter No. 21307, dated this day, from the Commissioner, be *recorded*."

No. 10295. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 21286, dated this day, sanction be given to the transfer of Rs. 160 from savings in Conservancy Branch, section I, Superintendence and Inspection, Health Department Budget, to section I, Establishment Accounts and Expenditure, Audit Establishment, to meet the cost of acting arrangements made during the absence of the head Audit Clerk on two months' privilege leave."

No. 10296. Considered the list of outstanding business (1st December 1891).

*Item No.* 3.—Letters, dated 8th September, 29th October, and 14th November 1891, from Mr. Framjee Adarjee, requesting to be allowed an opportunity of unfolding his drainage and flushing scheme. Referred to the Commissioner for remarks (16th September, 4th and 18th November 1891).

*Struck out*, reports from the Commissioner and the Engineer having been presented and recorded this day.

*Item No.* 4.—Resolution of the Corporation No. 6717, dated 14th September 1891, regarding the payment made to Messrs. Glover & Co., the contractors for the Tansa Dam Works, for extra work.

*Struck out*, the report having been presented last week.

*Item No.* 5.—Application for sanction to the removal of a building at Sion Road, the property of Mr. Rastamjee N. B. Jeejeebhoy.

*Struck out*, the question having been disposed of at the meeting held on the 2nd instant.

*Item No.* 7.—The Acting Commissioner asked to furnish a report on the alleged deficiency of about 420 tons coal, between February and August last, in connection with the Love Grove Pumping station, &c. (14th October 1891).

*Struck out*, the question having been disposed of last week.

*Item No.* 9—The Acting Commissioner asked to select some other less conspicuous spot in the neighbourhood for the proposed construction of urinal in front of Victoria terminus and to bring the matter once more before the Standing Committee for their information (14th October 1891).

*Struck out*, the question having been disposed of by the Corporation on 5th November 1891.

*Item No.* 14.—Letter addressed to the Corporation by Messrs. Haji Kasum Mitha, Tulsidas Bhawanidas and Jakeria Esa, stating that one Motiram Dyram Durji is building a house at Kala Chowki Road with old materials. Referred to the Acting Commissioner for report (18th November 1891).

*Struck out*, the report having been presented and disposed of this day.

*Item No.* 16.—Letters, Nos. 18071 and 19092, dated 6th and 18th November 1891, respectively, from the Acting Commissioner, on the subject of the Fire Brigade quarters at Paidhoni, required for Police purposes. Consideration postponed (18th November 1891).

*Struck out*, the proposal having been withdrawn by the Commissioner this day.

It was agreed that the next meeting of the Committee be held on Tuesday, the 22nd instant, at 2 P.M., and the following meeting on Saturday, the 2nd January 1892, at 3 P.M.

BOMBAY, 22*nd December* 1891.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHAI VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the meeting held on the 16th instant, were signed.

No. 10608. The seal of the Corporation was affixed to deed of contract with Mr. Makundrao Limbaji for the construction of a refreshment room in the Victoria Gardens.

No. 10609. *Resolved* : "That, as applied for by the Commissioner in his memoranda No. 21352 and 21460, dated 17th and 18th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of owner. | Where. |
|---|---|
| Mr. Tapidass Vurjdass ... ... | Building at Parel Road, north of Victoria Gardens. |
| „ Bhiwa Sukoo ... ... ... | Do. at Darukhana." |

No. 10610. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21734, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 10611. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21343, dated 17th instant, the Corporation be recommended to sanction the writing off of Rs. 1,860-15-10 from the live stock return of the Market Department, being the book-value of one bullock which was destroyed and eighteen bullocks which were sent to Pinjrapol during the quarter ending 30th November 1891."

No. 10612. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21294, dated 16th instant, sanction be given to Mr. Vishnu Balkrishna Mahadeshawar, draftsman in the Water Works Department, being allowed to contribute to the Pension Fund from the date of his permanent employment."

No. 10613. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21458, dated 18th instant, and in lieu of the resolutions of the Town Council and Standing Committee, Nos. 2397 and

7164, dated 29th February 1888 and 30th September 1891, sanctioning payment to Mr. Ruttonjee D. Lowjee Wadia at the rate of Rs. 5 per square yard for the 89·66 yards of land acquired for street improvement purposes at Tardeo, sanction be now given to the payment of such compensation to Mr. Khusaldas Nanji."

No. 10614. *Resolved* : "That, as applied for by the Commissioner in his letter No. 21323, dated 16th instant, sanction be given, under section 172 of the Municipal Act, to special halalkhor tax of Rs. 5-4-8 being charged against Government (Military Department) for service rendered to the R. A. battery encamped on the Marine Battalion parade ground for three days from 15th to 17th November last."

No. 10615. *Resolved* : "That, as applied for by the Commissioner in his letter No. 21324, dated 16th instant, sanction be given, under section 172 of the Municipal Act, to the charging of special halalkhor tax, at the rate of Rs. 18-4-0 per mensem, from 23rd October last, in respect of Ward No. 241 (2), Arthur Road, owned by the Hon'ble Mr. Fazalbhai Visram."

The consideration of memorandum No. 20329, dated 3rd instant, from the Commissioner, reporting on the subject of the claim of Messrs. Glover & Co., the contractors for the Tansa Dam Works, was postponed till 6th proximo.

No. 10616. *Resolved* : "That the following be laid on the table :— Letter, dated 15th instant, from Messrs. Ardeseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and disbursements at the end of each week for the month of November last and compared them with the ledgers and found them correct. Forwarding summary and statement of their scrutiny of accounts."

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 20th December 1891.

No. 10617 *Resolved* : "That, as recommended by the Commissioner in his letter No. 21667, dated 1st instant, sanction be given to the acceptance by him of the tender of Messrs. John Fleming & Co., the lowest of

* *See* Appendix C.

five tenders received, for the supply of disinfectants during 1892-93 at the following rates :—

| | |
|---|---|
| Calvert's carbolic acid powder, containing 15 % of carbolic acid ... ... ... ... | Rs. 17 per cask of 200 lbs. net. |
| Sanitas powder ... ... ... | Rs. 17- 6-0 per cask of 200 lbs. net. |
| Calvert's carbolic acid No. 5 ... | Rs. 2-14-0 per imperial gallon. |
| Calvert's soluble cresol ... ... | Rs. 2- 8-0 per imperial gallon. |
| Little's soluble phenyle ... ... | Rs. 3-12-0 per imperial gallon." |

No. 10618. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 21664, dated 21st instant, and subject to the approval of the Corporation, under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 2,500 from savings in Section II, gas lighting, A, Streets and Buildings, B, public lighting, Engineer's Budget, to pension and gratuities to meet disbursements on account of additional pensions and gratuities which will have to be paid in excess of the amount anticipated and provided for in the budget."

No. 10619. *Resolved* : " That, as applied for by the Commissioner in his letter No. 21721, dated this day, sanction be given to his depositing in the Bank of Bombay a further sum of Rs. 25,000 to the credit of the account already opened therein for payment of compensation for land, to be acquired under the Land Acquisition Act for the new roads and cross roads between Dadar and Matunga. The amount to be debited to the allotment of Rs. 15,00,000 for new roads in Agripada and elsewhere."

No. 10620. *Resolved* : " That the following be *recorded* :—Letter No. 21480, dated 18th instant, from the Commissioner, reporting the purchase of 500 street lamps from Messrs. N. S. Charles & Co., at Rs. 3-4-0 each. The total cost, Rs. 1,625, to be met out of the transfer of Rs. 5,000, sanctioned by the Corporation on 15th October last."

No. 10621. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 21508, dated 19th instant, sanction be given to the transfer of Rs. 75 from savings in Section I, Conservancy Branch, superintendence and inspection, Health Department Budget, to Licensing Establishment, Assessment and Collection Department, to meet additional cost of printing under the latter head."

No. 10622. *Resolved* : " That, as applied for by the Commissioner in his letter No. 21419, dated 18th instant, and in lieu of the resolution of the Standing Com-

mittee No. 7768, dated 21st October last, sanctioning the filing of a suit against Mr. Jamal Kala, butcher, for the recovery of Rs. 163-3-0, sanction be now given to the filing of a suit against him for the recovery of Rs. 221-9-0 instead of Rs. 163-3-0."

No. 10623. *Resolved*: "That, as applied for by the Commissioner in his letter No. 21501, dated 19th instant, sanction be given, under section 172 of the Municipal Act, to the charging of Rs. 17-12-3 as special halalkhor tax for service rendered to Government Military Department in connection with the 36th Field Battery, R. A., encamped on the Marine Lines parade ground from 27th to 30th November last."

No. 10624. *Resolved*: "That the following be forwarded to the Commissioner for disposal :—Letter, dated 21st instant, from Haji Ahmed Aboo, stating that he is put to delay by the Assessment Department in the recovery of his claim for one-fifth drawback in respect of his property Nos. 24-30 at Dharamsi Street."

Considered the following :—No. 3130, dated 19th December 1891, to the Commissioner :—

SIR,—With reference to the suggestions* made by me at page 75 of the Administration Report for 1888-89 regarding the mode of keeping the Water Works Account in future, and further remarks made by me on the same subject at pages 77 and 72 of the Administration Reports for 1889-90 and 1890-91 respectively, I have the honour to request the favour of your obtaining, under the provisions of Section 123 of the Municipal Act, early decision of the Standing Committee in the matter with a view to the necessary modifications being made in the accounts for the current official year.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

* "Although the new Municipal Act "does not require us to keep the Water "Works account apart and distinct "from other Municipal Accounts, it is "desirable to show the Water Works "account by itself. I would, however, "suggest that while continuing to give a "separate Water Works Account, the "entire income, expenditure and the "assets and liabilities of both the Water "Works and Municipal Funds should "be shown together in the Municipal "Books."

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No. 21719 of 22nd December 1891.

Forwarded to the Standing Committee for consideration.—H. A. ACWORTH, Commissioner.

No. 10625. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 21719, dated this day, sanction be given to a modification in the keeping of the Water Works accounts whereby, while the Water Works accounts are continued to be kept in a separate

statement, the entire income, expenditure and the assets and liabilities of both the Water Works and the Municipal Funds shall be shown together in the Municipal accounts without the debt due by one fund to the other being shown. That this modification be made in the current year's accounts, and in those of all future years."

*Resolved* : "That, with reference to his application, dated 19th instant, Mr. Framjee Aderjee be furnished with a copy of the report submitted by the Commissioner on the subject of Mr. Aderjee's drainage project." No. 10626.

It was agreed that the Municipal Secretary be allowed the Christmas holidays from the 23rd instant.

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BOMBAY, *2nd January* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.

ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; A. G. VIEGAS, Esq., L.M. & S. ; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner ; and the CHIEF ACCOUNTANT.

The minutes of the meeting held on the 22nd ultimo, were signed.

*Resolved* : "That, as applied for by the Commissioner, in his memoranda No. 21918, dated 24th December 1891, and Nos. 22012, 22013, 22014, and 22027, dated 29th idem, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :— No. 10723.

| Name of owner. | | Where. |
|---|---|---|
| Mr. Sitaram Madanji ... | ... | Building at Sicoodi Lane, Vithulwadi. |
| ,, Moraries Gokuldas | ... | Do. at Bhoewada Road, Parel. |
| Haji Abdulla Haji Ahmed | ... | Do. at Mount Packhadi. |
| Mr. Deoji Bhoja ... | ... | Do. at Matunga Village. |
| The Manager of the Union Flour Mill Company | ... | Do. at Chinchpokli Road." |

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 22252, dated this day, sanction be given to the cutting off of water connection[illegible] per list submitted therewith." No. 10724.

No. 10725. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 21934, dated 24th December 1891, sanction be given to the acceptance by him, of the tender of Messrs. Bhedwar & Co., the lowest of four tenders received, for the construction of the Superintendent's quarters and out-houses in the Victoria Gardens, at a cost of Rs. 13,453, to be met out of the sanctioned grant of Rs. 14,203."

No. 10726. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 21518, dated 19th December 1891, and subject to the approval of the Corporation, under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 700, from savings in section II, feed of animals, Victoria Gardens, to section II., sea-sand, contingencies and stores, same budget, to meet cost of flower-pots required for seedlings and other plants for the garden."

No. 10727. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 21538, dated 19th December 1891, the Corporation be recommended to sanction the payment, out of surplus cash balance, of Rs. 100, being the amount claimed by Messrs. Khimjee, Colah & Co., as balance due to them on account of 38 candies of baboolwood slabs supplied to the Municipality in February last."*

No. 10728. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 20098, dated 30th November 1891, the Corporation be recommended to sanction the writing off of Rs. 13,351-1-0 as book loss from auction, &c., sale of unserviceable and other stores of the several departments of the Municipality as per list submitted."

No. 10729. *Resolved* : "That, as applied for by the Commissioner; in his memorandum No. 21502, dated 19th December 1891, sanction be given to a suit being filed in the Court of Small Causes against Mr. Elaha Samuel for the recovery of Rs. 158-0-6, being the cost of drainage works carried out by the Municipality in connection with his premises No. 9094, Nowroji Hill 1st Road."

* The amount of surplus cash balance reserved for probable extra grants up to the end of the current financial year is Rs. 79,713. The amount already sanctioned is Rs. 13,911-4-5, the amount recommended for sanction is Rs. 8,406-1-7, and the available balance is Rs. 57,385-10-0.

Read the following :—

No. 11099-B of 1891-92.

18*th December* 1891.

*Statement of houses or portions of houses which fell during the month of October 1891.*

| No. | Ward. | Street No. | Locality. | Names of Owners. | Description of Building. | Age of Building or date of erection (if known). | Date of fall. | Cause of fall. | Part fallen. | Casualties. Persons injured. | Casualties. Persons killed. | Estimated loss. | Whether or not action taken by Municipality. | Whether or not warning given to the parties. | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | Rs. | | | |
| 1 | F | ... | Naigam Cross Road. | Nowroji Sorabji Dalal. | Tiled shed... | 10 years. | 23rd Oct. 1891. | Posts not bedded and braced and roof not trussed. | Shed ... | Nil. | Nil. | 150 | Nil ... | Nil ... | Action was taken by this Department and the owner was made to repair the wall. |
| 2 | G | ... | Mahim Durga. | Haji Kassam... | Ditto ... | 14 years. | 4th Oct. 1891. | Bad mud walls. | Shed ... | " | " | 10 | ... | ... | Ditto. |
| 3 | ... | ... | Mahim Bazar Cross Road. | Rastomji Nowroji. | Tiled roof building with store house and loft above. | 16 years. | 2nd Oct. 1891. | Bad mud walls and weak timber. | Building. | " | " | ... | ... | ... | |

Forwarded to the Municipal Commissioner.

JAMES W. SMITH,
Acting Executive Engineer.

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No. 21515 OF 1891-92.

19*th December* 1892.

Forwarded to the Standing Committee for information.

H. A. ACWORTH, Commissioner.

No. 10730. *Resolved* : "That the following be *recorded* :—Memoranda Nos. 21515 and 21836, dated 19th and 23rd December 1891, from the Commissioner, forwarding a statement of houses and portions of houses which fell during the month of October last and a statement showing that no houses or portions of houses fell in November 1891."

No. 10731. *Resolved* : "That the following be *recorded* :—Memorandum No. 21599, dated 21st December 1891, from the Commissioner, forwarding report from the Deputy Executive Engineer, Water Works, on the subject of the leeches which were found in the water used from the Vehar Water pipe attached to Mr. Narayen Pandurang's house, No. 313, Kalbadevi Road."

Considered Memorandum No. 21724, dated 22nd December 1891, to the Secretary, as under :—

The following remarks are suggested by Corporation Resolution No. 8071, of 26th October last, which has been referred to the Standing Committee and Commissioner for consideration :—

Para 1.—The Commissioner thinks that the statements called for would swell the bulk of an already too bulky report without any corresponding advantage. Reference to the figures given in the statements referred to by the Chief Accountant practically gives what is wanted.

Para 2.—The Chief Accountant has disposed of this, and the Commissioner thinks this part of the Resolution must have been passed under some misapprehension.

Para 3.—Arrears, *i.e.*, outstandings of general tax, water and halalkhore rates, and wheel tax, are already given in the Assessor and Collector's report, pages 169 and 170.

Para 4.—The question how to deal with workshops revenue and expenditure has been frequently before the Standing Committee. It is difficult to budget for an exact gain or loss. The Commissioner has had before him proposals for increasing the percentage which the workshops are to be allowed to charge on the value of work done, and which is now 25 per cent. He was asked to increase it to 35 per cent. ; and, if this had been done, this loss of Rs. 4,072-7-2 would not have been shown.

Para 5.—Wanton or careless renewals of lapsed grants are as much to be deprecated as wanton or careless neglect to expend grants

which have been made; but a direct rule, such as the auditors advocate, would be injudicious and inconvenient, while it would hamper the Standing Committee in the discretion allowed to it by law. The matter has the Commissioner's earnest attention, but a mere reference to a few of the lapsed grants, which have been renewed, will show how difficult the question really is. Grants are made to expire in the middle of the working season. This is because the Municipality is obliged to take the same financial year as Government; but the Municipality is not bound by the same reasons for taking it, *viz.*, the consideration of the period of the year during which Parliament sits; and it is similarly not bound, inconveniently, to divide its provision for works so as to cover two different parts of one single working season. This is a great advantage, and it would lead to no practical good, and give rise to much practical trouble to put an end to it. The more important of the "lapsed grants renewed" are, of course, those in which some administrative difficulty has compelled postponement without, at the same time, abrogating the necessity for the work.

Para 6.—The Commissioner regrets to say that the earlier part of this paragraph is unintelligible to him. All expenditure of whatsoever character, whether from discretional contingencies, from other heads of revenue, or from loans, must by law be of a "character which would ordinarily be covered by a budget or supplementary grant, or by a budget transfer." To rule otherwise is to say that expenditure from discretionary contingencies is such as cannot be included in a budget, in which case it would be illegal; for a budget is supposed to cover all legal heads of expenditure. High officers in all services, Government or other, are entrusted, as the Commissioner is, with a small discretionary allowance, the essence of which is that it is to be spent at their discretion on objects sanctioned by the law. The Chief Accountant has furnished explanations on the particular items concerning which explanation was demanded, and the Corporation will see that the expenditure was legal and proper. The Commissioner's discretionary allowance is not now as large as it was in 1875. The amount of Rs. 7,000 per annum seems, compared with the total expenditure dealt with in the budget, not an unreasonable allotment to an officer in the position of the Municipal Commissioner.

Para 7.—*Vide* Chief Accountant's Memorandum.

Para 8.—*Vide* Chief Accountant's Memorandum.

Para 9.—This is entirely a question for the Standing Committee to decide. It seems to the Commissioner inexpedient to publish details of law charges.

Para 10.—The Commissioner entirely concurs that it is advisable to put a stop to all *unhealthy* competition, but he is not aware of any.

Para 11.—*Vide* Chief Accountant's Memorandum.

Para 12.—For the Standing Committee to decide.

Para 13.—The information might be obtained, but the Commissioner doubts whether it would be wise to give it.

Para 14.—The Commissioner is not sure about the legality of this demand, but greatly doubts whether the expenditure would be judicious.—H. A. ACWORTH, Commissioner.

No. 10732. *Resolved* : "That the consideration of the following be postponed till next week :—

"Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report.

"Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon.

"Memorandum No. 21724, dated 22nd December 1891, from the Commissioner thereon, and

That, in the meantime, memorandum No. 21724, dated 22nd December 1891, from the Commissioner to the Secretary, be printed in the minutes."

No. 10733. *Resolved* : "That the Corporation be recommended to inform Mr. Gokuldas Madhowjee and others, in reply to their petition, dated 9th October last, that it is considered that the site objected to by them, would be a very suitable one for a market."

No. 10734. *Resolved* : "That the Corporation be recommended to inform Mr. Rustomji B. Colabawalla and others, in reply to their petition, that proposals for the erection of a market at Colaba and for the sewerage of Colaba will shortly be laid before the Corporation for their consideration."

Considered the following :—

No. 22011 OF 1891-92.

BOMBAY, 28*th December* 1891.

To THE MUNICIPAL SECRETARY.

SIR,—I have the honor to lay before the Standing Committee, with a request that they will recommend them to the Corporation, certain proposals for the utilisation of savings on loan works, of which the accounts have now finally been closed. The savings are as follows :—

27 lakhs loan—savings Rs. 14,378-2-9 under the head of Water Works.

44 lakhs loan—under Water Works a saving of Rs. 4,677-9-1, and under Drainage and Miscellaneous, a saving of Rs. 1,14,144-8-6.

7 lakhs sanitary works loan—a saving under Water Works of Rs. 48,147-10-8 and under Drainage of Rs. 4,486-5-9.

12 lakhs loan, Queen's Road sewerage and water supply—under Water Works a saving of Rs. 4,968-11-0 and under Drainage of Rs. 71.

Rs. 10,08,500 loan for Markets and Miscellaneous—a saving under Water Works of Rs. 18,785-12-10, and under Drainage of Rs. 24,907-3-8. The total amount of saving under Water Works is Rs. 90,957-14-4 and under Drainage and Sanitary Works, Rs. 1,43,609-1-11.

These savings, I recommend, should be utilized as follows :—

Water Works—an item of Rs. 46,360 is entered at page 76 of the coming year's budget to provide for the residence of the Chief Inspector of Water Works and six sluicemen at Babula Tank, a work which was sanctioned when the loan for Fire Brigade stations was passed and which is to be carried out in connection with the Fire Brigade station at that place. This sum I would eliminate from the budget and provide for out of savings above stated. The same page of the coming year's budget contains a loan provision of Rs. 1,60,000 for covering the storage basin at the Bhandarwada Reservoir and the construction of filters. It will be generally agreed that whatever conclusion may be come to in regard to the raising in the coming year of the Water Works loan which I have proposed, this small work should certainly be carried out with as little delay as is practicable. I recommend that the balance of the total Water Works savings, amounting to Rs. 44,597-14-4, be devoted to this work. This will suffice for the first year's operations, and I would recommend the Corporation while sanctioning this devolution of funds to provide at the same time that the remainder of the work which will cost in round figures Rs. 1,15,500, may be carried out as an advance against a future loan.

Turning now to savings under Drainage and Sanitary Works loans amounting to Rs. 1,43,609-1-11, I think that the first object to which they should be devoted should be the main sewerage of Parel at a cost of Rs. 77,603. I would further propose that the main drain at Arthur Road crossing should be arched over with brick masonry at a cost of Rs. 18,000. The existing wooden bridge has been in a dangerous state and has recently been repaired under a pressure of emergent necessity. It is in contemplation at some future time to arch over the main drain as far as Clerke Road, and the proposed work will constitute a small section of the whole and will at the same time provide a secure and permanent means of crossing at a point where only an insecure and temporary expedient exists.

The balance of the drainage loan should, I think, be devoted to the construction of branch sewers in Parel village, but for this work a preliminary survey is necessary, for which I request sanction of Rs. 300, and which ought not to occupy more than six weeks or two months. As soon as this survey is completed I shall be able to report the exact provision for the branch sewers in Parel, and I hope that the balance of the savings will suffice to cover it.—I have, &c.,

H. A. ACWORTH, Commissioner.

*Resolved* : "That the following be forwarded to the Corporation :—Letter No. 22011, dated 28th December 1891, from the Commissioner, to the Secretary.

No. 10735.

"2. That the Corporation be recommended to sanction the elimination of the item of Rs. 46,360, entered at page 76 of the budget for 1892-93, for the construction of the residence of the Chief Inspector of Water Works and to sanction the construction of the quarters out of savings under the head of Water Works alluded to in the Commissioner's report.

"3. That the Corporation be recommended to sanction the balance of the savings under Water Works, amounting to Rs. 44,597-14-4, being devoted to the cost of covering the storage basin of the Bhandarwada Reservoir and the construction of filters ; that the budget provision of Rs. 1,60,000, as entered in the loan works budget for 1892-93, be reduced by a like amount, and that the Corporation be further recommended to sanction the execution of the remainder of this work, at a cost of Rs. 1,15,500, the amount to be met as an advance against a future loan.

"4. That the Corporation be further recommended to sanction the saving of Rs. 1,43,609-1-11, under the head of drainage and sanitary works, to be utilized as under :—

For the main sewerage of Parel.....Rs. 77,603.
For arching over with brick masonry the main drain at Arthur Road crossing ..... „ 18,000.

"That the survey for the branch sewerage of Parel be sanctioned, at a cost of Rs. 300, and that the disposal of the balance of the savings be considered at a later date.

"That this question be brought before the Corporation at the special meeting for which a requisition has been this day, issued."

The following return was read and *recorded* :—

Return of fires at Musjid Bunder Road, Coombarwada (Dadur), Purbadevi Road (Dhun Mill), Parel Chall Road and Nagdevi Street, forwarded with the Commissioner's memorandum No. 21722, dated 22nd December 1891.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 27th December 1891.

Considered letter No. 22142, dated 30th December 1891, to the Secretary, as under :—

SIR,—With reference to Corporation resolution No. 7575, of 15th October last, I have the honour to say that savings, amounting to

* *See* Appendix **E**. † *See* Appendix **C**.

Rs. 22,000, having up to date accrued in the Water Works Budget, it may be well to apply them to the execution of a part of the work entered at page 43 of the Budget for 1892-93—"Repairs to Tulsi main embankment, Rs. 35,000"—in which case this item can be reduced to Rs. 13,000.—I have, &c., H. A. ACWORTH, Commissioner.

No. 10737. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 22142, dated 30th December 1891, the Corporation be recommended to reduce the provision of Rs. 35,000, for repairs to Tulsi main embankment, budget for 1892-93, to Rs. 13,000, and to sanction the utilization of the savings of Rs. 22,000, in the Water Works budget towards the execution of the said work.

"That this question be brought before the Corporation at the special meeting for which a requisition has been this day, issued."

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BOMBAY, 6*th January* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq. L.M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The signing of the minutes of the meeting held on the 2nd instant, was postponed.

The seal of the Corporation was affixed to 12 attested duplicate debentures of the Drainage Loan of 1878, of Rs. 500 each, Nos. 1437 to 1448, both inclusive.

No. 10836. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 22242, dated 2nd instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of owner. | | Where. |
|---|---|---|
| Mr. Memon Allana Gigha | ... | Building at No. 14 Dockyard Road." |

No. 10837. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 22699, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 10838. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 22247, dated 2nd instant, and subject to the approval of the Corporation, under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 12,327, from savings in D, road repairs and maintenance, section 1, purchase of materials, Engineer's budget, to same head,

same budget, section V, stores and contingencies, to meet excess on account of charges for asphalt, rubble and certain other articles which could not be debited to section I under the current and former years' budget.*"

The consideration of the following was postponed till next week :—Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report.

Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon.

Memorandum No. 21724, dated 22nd December 1891, from the Commissioner thereon.

The consideration of memorandum No. 20329, dated 3rd ultimo, from the Commissioner, reporting on the subject of the claim of Messrs. Glover & Co., the contractors for the Tansa Dam Works was proceeded with.†

Proposed by Colonel Merewether, seconded by Hurkisondas Narrotumdas, Esq.—

"That, with reference to their Resolution No. 6717, dated 14th September 1891, the Corporation be informed as follows :—

No. 10839.

"1. That the sum of Rs. 1,50,000 provided in the revised estimates for the Tansa Water Works, on account of the claims of Messrs. Glover, the contractors for the dam works, has been drawn upon to the extent of Rs. 1,25,000, which sum they agreed to accept in full satisfaction of their claims aggregating Rs. 4,39,874.

"2. It was not necessary nor would it have been in accordance with the terms of section 69 (*a*), (*c*) and (*e*) of the Municipal Act, relating to contracts, to apply to the Corporation for sanction to the payment, the Corporation having, on the 5th February 1891, voted the said sum of a lakh and a half of rupees to meet the claims in question.

"3. The Rs. 1,25,000 were paid in settlement of claims, the details of which Messrs. Glover & Co. were ready to attest in a court of law, and of which the Engineer in charge of the Tansa Works was in possession, and was able to assure the Committee comprised work which had actually been done.

"4. The Rs. 1,25,000 were paid to avoid litigation which might have involved a much heavier payment and as work had been done by the contractors to an amount not less than the sum named.

* These arrangements have been modified in the budget for 1892-93.

† See pages 531 to 539 of the Proceedings of the Standing Committee, 9th December 1891.

"5. That a copy of Mr. Acworth's memorandum furnished under his No. 20329 of the 3rd December 1891, be forwarded to the Corporation."

*Amendment* moved by Abdalla M. Dharamsi, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That a Sub-Committee be appointed to report on the question referred to in the Corporation's Resolution No. 6717, dated 14th September 1891."

On a division the amendment was lost, the votes being 5 *for* and 7 *against*.

The original motion was carried by 7 votes *against* 5.

Mr. Abdalla M. Dharamsi wished to put in a minute on this question, but it was decided that, as there was no precedent for such a record being allowed, the request was not complied with.

Considered the report of the Sub-Committee, submitting draft of amended conditions under which pensions, gratuities or compassionate allowances may be paid to Municipal officers and servants, their widows or other relations dependent on them.

The following alterations were made :—

*Rule IV.*—The words "without sufficient reason to the satisfaction of the Standing Committee" were inserted in line 10 between the words "not" and "elect."

In line 27 the words "or with the sanction of the Standing Committee a longer period" were inserted between the words "month" and "from."

*Rule IX.*—The words "unless or medical certificate or being over 55 years of age" were inserted in line 2 between the words "service" and "or."

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*Report of Sub-Committee of the Standing Committee submitting the draft of Amended Conditions under which Pensions, Gratuities, or Compassionate Allowances may be paid to Municipal Officers and Servants, their widows or other relations dependent on them.*

ON the 3rd November last, the Corporation, by their Resolution No. 7704, authorised the Standing Committee to frame amended Regulations under Section 81, clauses (*b*) to (*g*), of the Municipal Act, as per margin, and on the 5th idem, the Committee appointed a Sub-Committee, consisting of Colonel Merewether, Mr. Abdalla M. Dharamsi and the Hon'ble Mr. Javerilal U. Yajnik, to draw

(*b*) Regulating the grant of leave to Municipal officers and servants; (*c*) payment of leave allowances to ditto; (*d*) acting allowances ditto; (*e*) regulating the period of service of such officers and servants; (*f*) determining the conditions for payment of pensions, gratuities or compassionate allowances; (*g*) payment of contributions to the Pension Fund.

up such Regulations. The recommendations of the Sub-Committee relating to Section 61 (*b*), (*c*), and (*d*) and 61 (*a*) were approved by the Standing Committee, and were sanctioned by the Corporation on the 16th March and 15th June 1891, respectively.

2. The Sub-Committee have, since the last-mentioned date, carefully considered the draft Pension Rules, prepared by the Commissioner, forwarded to them by the Committee under date of the 8th July last, together with the Supplementary Rules relating both to Leave and Pension Rules for the Fire Brigade. These rules, so far as they relate to Municipal officers and servants generally, and apart from the Fire Brigade, are based upon the Uncovenanted Service Rules of Government, which rules, the Committee find, have been adopted by the Madras Municipality. In the case of the Calcutta Municipality, the maximum pension payable to an officer after twenty-five years' service, is Rs. 5,000 per annum, or if the officer's average emoluments do not exceed Rs. 12,000 a year, Rs. 4,000 per annum. No contributions are levied in the case of the Calcutta Municipality from their officers and servants, but that Corporation have now before them certain proposals for levying one pice in the rupee from servants drawing Rs. 10 and under, and of two pice in the rupee from all persons on the Pension List whose pay exceeds Rs. 10 a month. One amendment proposed in Calcutta is that Municipal officers and servants drawing Rs. 50, or less, a month shall be exempted from stoppages on account of the Pension Fund.

In the Uncovenanted Service, officers and servants of Government are not required to contribute anything towards their pensions, but the Sub-Committee do not recommend that any alteration should be made in regard to the practice which has been followed in this Municipality ever since 1875, of deducting half an anna in the rupee from the pay of all officers and servants admitted to the benefits of the Pension List.

The present maximum pension which can be drawn by an officer in the Bombay Municipality is Rs. 3,600 per annum, whatever his pay and rank in the service may be, and however much he may contribute to the fund; whereas officers whose work and responsibilities may be less, but who happen to be in the service of Govern-

ment or of the Corporations of Calcutta and Madras, are entitled to ordinary maximum pensions of Rs. 5,000. The Sub-Committee, after careful consideration, concur with the Commissioner in the opinion that the officers and servants of this Corporation should be placed on an equal footing in these respects with the officers of Government and the two great Municipalities of Calcutta and Madras, more especially having regard to the fact that the officers and servants of the Bombay Municipality who are on the Pension List, have to contribute something over three per cent. of their pay to the Fund.

The supplementary rules relating to the Fire Brigade have been agreed to by the Sub-Committee on the strong representation of the Commissioner, and the special reasons stated in his letter to the Municipal Secretary, No. 7836 of 4th June, appended hereto.

In the original draft, the amounts payable to the wives and children of members of the Brigade who may be killed in the discharge of their duties or die of injuries received therein, were higher than those entered by the Sub-Committee, for whilst the pension payable to the widow of the Chief of the Brigade was entered at Rs. 80 per mensem, the amount now entered is Rs. 60 per mensem. In the same way, the pension payable to the widow of a Superintendent, or a Head Engineer, is entered at Rs. 25 instead of Rs. 35 ; and so on, with the rest of the scale.

BOMBAY, 26*th August* 1891.

G. MEREWETHER.
ABDALLA M. DHARAMSI.
JAVERILAL U. YAJNIK.

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No. 7836 OF 1891-92.

BOMBAY, 4*th June* 1891.

TO THE MUNICIPAL SECRETARY.

SIR,—I have the honour to submit, with reference to Corporation Resolution No. 7704, dated 3rd November last, and Standing Committee's Resolution No. 7746, dated 5th idem, draft Pension Rules for Municipal officers and servants, together with some supplementary rules relating to both leave and pension, which, in accordance with practice in England, I suggest for application to the Municipal Fire Brigade. It is necessary, if the latter are to discharge their dangerous duties in a proper manner, that they should receive some special privileges, and that they should be able to feel that those dependent on them are the objects of peculiar care on the part of the Municipality. On such conditions only can they be expected to encounter readily the physical risks to which their service exposes them.—I have, &c., H. A. ACWORTH, Commissioner.

# BY-LAWS

RELATING TO

# Retiring or Pension Fund for Municipal Officers and Servants.

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## *Pension Fund.*

THE following rules shall be observed in the administration of this fund :—

The Pension Rules are not applicable to the following :—
*General Office Establishment.*
To Attendants for supplying water, and Hamals.
*Gardens.*
To Head Malis, Malis, Cart-drivers, Labourers, women, Police Ramosis, Keepers (except the Head Keeper) and Sweepers.
*Executive Engineer's Establishment.*
General supervision and miscellaneous duties.
To workshops establishment, except Superintendent, Clerks, Overseer, Draftsman, Time-keeper, Shop Clerk, Ticket Clerk, Gate-keepers and Peons, Stores Clerk, Stores Makadam (who should be called Stores Overseer) and Stores Peons who are pensionable.
*Drainage.*
To Makadams, Chowkidars, Lascars, Blacksmiths, Plumbers, Carpenters, Masons, Labourers, Halalkhors, Watchmen, Sarung, Sluice-

1. The Pension Rules to be applicable with the exceptions noted in the margin, to all officers and servants of the Municipality *(not being Government officers or enjoying the benefit of other Pension Rules)* holding substantive offices.

With the same exceptions, a substantive office means a permanent office distinctly specified and provided for in the budget and included in the Schedule drawn up under Section 79 of the City of Bombay Municipal Act and paid out of the Municipal revenues, but shall not include an appointment, on any work paid for out of Capital. Provided that an officer or servant holding a substantive appointment may be temporarily employed on a Capital work without losing his claim to the benefit of the Pension Fund, so long as he retains a lien on that substantive appointment and contributes to the Pension Fund on the pay of that appointment.

men, Engine-drivers, Enginemen, Firemen, Fitters, Assistant Firemen, and Lightman.

*Water Works.*

To Foreman, Painters, Blacksmiths, Fitters, Carpenters, Plumbers, Masons, Connection-men, Porters, Linemen, Labourers, Ramosis, Sluicemen, Watchmen, Firemen, Makadams, Lascars and Pawai Establishment.

*Streets and Buildings.*

To Lascars, Maistries, Makadams, Chowkidars, Bhisties, Pipemen, and Persian Wheelmen, Masons, Carpenters, Malis, Labourers, Women, Boys, Messenger-peons, Steam-roller Drivers, Steersmen and Firemen.

*Public Health Department.*

To Farriers, Makadams, Halalkhor Makadams, Ramosis, Registrars, Birth and Death Karkoons, Burial Board Clerk, Cart Drivers, Scavengers, men, women, Refuse-kiln men, Drain-cleaning men and women, Halalkhors (men, women and boys) Attendant Hindu Burial and Burning Ground, Haines Road, Hearse-drivers, Grave-diggers and Labourers.

*Markets & Slaughter-houses.*

To Labourers (men and women) Halalkhors, (men and women) Lamp-lighter, Gardener, Farrier, Meat-van Drivers.

Two officers or servants cannot contribute on the pay of the same appointment.

II. Officers or servants whose time is not exclusively devoted to the duties of their Municipal office are not pensionable.

III. Officers or servants in employ before the date of the passing of these rules, and who have been allowed by special or general sanction or under any rules hitherto in force to contribute to the Pension Fund or to be allowed the advantage of Pension Rules may be allowed three months from the date of the passing of these rules in which to elect whether these rules shall be applied to them or not, provided that nothing contained in these rules shall render any officer liable to pay pension contributions for any period previous to June 1875.

IV. All pensionable officers or servants hereafter appointed shall have the benefit of these rules on condition of their contributing by a deduction of half an anna in each rupee from their emoluments, such deduction to commence from the emoluments of the 1st month of service. Officers or servants who do not, without sufficient reason to the satisfaction of the Standing Committee, elect to contribute within three months from the date of joining their appointments shall be debarred from contributing to the fund thereafter. All contributions must be paid from the 1st month of service, whatever the date on which an officer elects to contribute.

All officers or servants now in the service and contributing to pension, and who under the last preceding rule, elect to be brought under these rules shall have the benefit of them on continuing to make the same contribution of half an anna in the rupee. Officers and servants now in the service, and who are admissible to the benefits of these rules but were not admissible to the benefits of any pension rules previously in force, may be allowed the benefit of these rules on their electing to contribute within three months, or with the sanction of the Standing Committee a longer period from the passing thereof, and provided that on the date of the passing thereof they were not over 35 years of age or under 20 years of age, in which case they shall not be allowed to contribute, except with the special sanction of the Standing Committee, and provided also that they produce a certificate of fitness from the Medical Examiner.

Officers or servants, who are admissible to the benefit of these rules, and were also admissible to the benefit of any rules previously in force, but who failed, through ignorance or any cause which shall appear satisfactory to the Standing Committee, to avail themselves of the benefit of those rules may be allowed the benefit of these rules from the date of their coming into force, on condition that on that date they fulfil the requirements of the last preceding para.

V. No pension, gratuity or compassionate allowance is to be paid on account of persons preferring not to make such contribution within the time prescribed in Rule IV.

VI. The following rates of pensions and gratuities shall be payable under these rules :—

(*a*) After 15 years' service a monthly pension of $\frac{1}{3}$rd of the average monthly emoluments received by the officer or servant applying for pension in the preceding 5 years of his service ; provided that such pension shall not exceed as a maximum Rs. 250 per mensem.

(*b*) After 20 years' service a monthly pension of $\frac{5}{12}$ths of the average monthly emoluments received by such officer in the preceding 5 years of his service, provided that such pension shall not exceed as a maximum Rs. 333-5-4 per mensem.

(*c*) After 25 years' service a pension of $\frac{1}{2}$ of the average monthly emoluments of such officer during the preceding 5 years of his service, provided that such pension shall not exceed as a maximum Rs. 416-10-8 per mensem.

(*c*-2) After a service of 30 years an additional or good service pension of $\frac{1}{1\frac{1}{2}}$th of the average monthly emoluments received by such officer during the preceding 5 years of his service, in addition to the pension granted under Rule VI (*c*), provided that such additional or good service pension shall not exceed Rs. 83-5-4 per mensem.

(*d*) Persons contributing to the Pension Fund, but disqualified for further service before they have served for 15 years, are entitled to receive for each year of service a gratuity equal to the average monthly emoluments received by them during the preceding 5 years, provided that the total sum so payable shall not exceed 12 months' average salary so calculated, and provided also that no person shall be entitled to any gratuity who has not completed 5 years' service.

NOTE.—In calculating average monthly emoluments under Rule VI, deduction shall not be made on account of reduced pay received while on leave, but for the purposes of the rules the officer shall be deemed to have been in receipt while on leave of the pay of his appointment which he was drawing when he took leave.

In calculating the gratuity under Rule VI (*d*) in the case of an officer who has drawn a diminished salary during the last five years of his service through no fault of his own, the average shall be calculated on the emoluments drawn by such officer during those five consecutive years in which he may have received his maximum emoluments.

VII. Under ordinary circumstances no officer or servant shall receive pension or gratuity except on the production from the Medical Examiner or Medical Board or other authority appointed to that end by the Standing Committee, of a certificate stating that the applicant is incapacitated for further service, and the cause thereof, and that such incapacity is not due to the applicant's own misconduct, or in the event of the application being made while the officer or servant is out of India on leave

or otherwise, of a similar certificate signed by a duly qualified surgeon or physician and countersigned by a Justice of the Peace.

VIII. (*a*) If the applicant is over 55 years of age the certificate mentioned in Rule VII may be dispensed with at the discretion of the Standing Committee.

(*b*) If the services of an officer or servant have been dispensed with not from any fault of his own, but in consequence of reduction or re-organization of establishment, he shall be entitled to pension or gratuity as if he could produce a medical certificate of incapacity for further service, provided that he would otherwise have been entitled to it.

IX. No officer or servant voluntarily resigning the service, unless on medical certificate, or being over 55 years of age, or dismissed therefrom for misconduct, shall receive pension or gratuity, nor shall he be entitled to any refund of contributions which may have been made by him to the Pension Fund.

X. Every application for pension or gratuity shall be submitted to the Standing Committee by the Commissioner, and shall be accompanied by a register of service in a form prescribed by the Commissioner, and by the certificate required by Rule VII, and also by a certificate from the Commissioner, specifying the period for which the applicant has served, and that his character and conduct have not been such as to render him undeserving of the pension or gratuity applied for.

XI. Pension shall commence from the date of retirement.

XII. If an officer or servant is on leave and unable to rejoin his appointment, his pension shall commence from the date of the medical certificate declaring him incapacitated for further service.

XIII. Privilege and casual leave and ordinary furlough admissible under the Leave Rules shall count as service for the purposes of calculating the period of any officer's service but no other sort of leave.

XIV. Service in order to count for pension or gratuity must be continuous. But should an officer or servant whose services have been dispensed with or who has resigned, be re-employed, it shall be in the discretion of the Standing Committee to condone the break

in his service, and to allow his former service to count, provided that he has not received any pension or gratuity on account thereof, or that if he has received such, that he refunds it with or without interest as the Standing Committee determine.

XV. Periods of service before the age of 20 years shall not count towards pension or gratuity, and no person shall be admitted to the benefit of these rules without a certificate of fitness from the Medical Examiner of the Municipality or (unless with special sanction of the Standing Committee) after the age of 35 years. This rule is not to have retrospective effect and the Commissioner shall not be debarred from employing any such persons with the sanction of the Standing Committee in each case.

XVI. When an officer or servant is suspended during an enquiry into his conduct and is reinstated, such suspension shall or shall not constitute a break in his service, according to the orders of the Commissioner in each case.

XVII. The pension contribution is to be recovered on an officer's substantive salary, including any acting allowance, but not on personal, house, conveyance or horse allowance, unless consolidated with and made part of his fixed salary. No contribution is to be recovered on salaries drawn in temporary appointments. The contribution of an officer on leave is to be calculated on his leave allowance, and if, in the acting arrangements made in consequence of his absence, any substitute be appointed who holds no substantive appointment in the Municipal Service, the contribution is further to be recovered on the pay of such substitute to the credit of the Pension Fund.

XVIII. All pensions to be payable monthly, or if the pensioner resides out of India, quarterly, on personal application, or (in the event of inability to attend personally on account of illness or absence from Bombay) on production of life certificate signed by a Justice of the Peace, Magistrate, high officer of Government or by some other well-known and trustworthy person, to such person as the pensioner shall nominate on his behalf, under a power-of-attorney, or otherwise, as may be necessary.

XIX. The widow or children of an officer or servant dying while in the Municipal Service, and being a contributor to the Pension Fund, or if they are dependent upon him for support, his parents, brothers or sisters shall receive at his death a sum not exceeding the amount of the gratuity payable under Rule VI(*d*) above. Provided also that in the event of any pensioner dying without drawing full twelve months' pension, the balance of such pension up to twelve months shall be paid to his widow or children; or, if they are dependent on him for support, his parents, brothers or sisters.

XX. All disputes and doubtful questions arising out of these rules shall be referred to the Standing Committee, whose decision shall be final. Provided that the fact of the half anna deduction having been made from any item of emolument shall, as far as the particular officer or servant is concerned to whose credit the deduction is made, be conclusive that it is an item which should count towards pension or gratuity, unless such deduction has been made in opposition to the evident meaning of these rules.

## FIRE BRIGADE.

The Pension Rules which are in force in the Municipality shall apply to all officers and servants of the Municipal Fire Brigade, with the exceptions noted in the margin, and with the modifications contained herein.

(*a*) Officers and servants who joined the Brigade prior to 1st April 1887.
(*b*) Drivers and grooms.

The Municipal Leave Rules apply to all members of the Brigade, with the exception of drivers and grooms and with the modifications contained herein.

### *Leave.*

1. All members of the Municipal Fire Brigade shall receive full pay while on sick leave (in excess of the privilege leave due to them) but no allowances, with the exception of house rent, if any, which they may continue to receive if in Bombay.

2. No member of the Municipal Fire Brigade shall be allowed sick leave except on the certificate of the Surgeon to the Fire Brigade.

3. No extension of sick leave shall be granted except, if in Bombay, under the certificate of the Surgeon aforesaid, or, if out of Bombay, of the Civil Surgeon of the District.

4. All members of the Brigade, while on sick leave, shall be entitled to free medical attendance by the Surgeon aforesaid, and also to a free supply of medicine, provided that they remain in Bombay and not otherwise.

5. In the case of an officer who is obliged to take sick leave in consequence of injuries sustained while on duty, but in no other case, such sick leave shall, for the purposes of reckoning his privilege leave, be deemed to be service.

*Pension.*

The case of any man who is compelled to retire in consequence of injuries received in the execution of his duty, permanently disabling him from further service in the Brigade, shall be specially considered on its merits by the Standing Committee, on the recommendation of the Commissioner, and they shall be empowered to grant him such pension as they shall think fit, whatever his term of service may have been : provided that such pension shall in no case exceed the maximum admissible under the Municipal Pension Rules at the time being in force, including the extra or good service pension.

In calculating the pension admissible to a member of the Fire Brigade, his allowances, if any, shall be taken into account, anything in the Municipal Pension Rules notwithstanding, and notwithstanding that he has not contributed to pension upon those allowances. Provided that such allowances shall not include house rent now being paid to certain members of the Brigade pending the building of quarters for them.

*Pensions and Compassionate Allowances to widows, children and others.*

The compassionate allowances payable to the widows, children and other persons dependent upon an officer who joined the service after 31st March 1887 and dying in the service shall, in all ordinary cases, be those prescribed by the Municipal Pension Rules ; but where a member of the Brigade has been killed in, or

has died in consequence of injuries sustained in, the execution of his duty, the following pensions shall be payable to his widow and children:—

| | | |
|---|---|---|
| CHIEF OF THE FIRE BRIGADE— | | |
| Widow ... ... ... | Rs. 60 per month. | |
| Each child ... ... ... | „ 15 „ | up to 15 years old. |
| SUPERINTENDENT AND HEAD ENGINEER— | | |
| Widow ... ... ... | Rs. 25 per month. | |
| Each child ... ... ... | „ 7 „ | up to 15 years old. |
| FOREMAN— | | |
| Widow ... ... ... | Rs. 20 per month. | |
| Child ... ... ... ... | „ 5 „ | up to 15 years old. |
| ENGINEER— | | |
| Widow ... ... ... | Rs. 10 per month. | |
| Each child ... ... ... | „ 2 „ | up to 15 years old. |
| ALL OTHERS— | | |
| Widow ... ... ... | Rs. 3 per month. | |
| Each child ... ... ... | „ 1 „ | up to 15 years old. |

Provided that if the widow marries again, the pension payable to her shall cease.

*Officers appointed from England.*

The widow and children of any officer appointed in England shall in case of his death be entitled to a second class passage to England in a P. & O. steamer at any time within 12 months from the date of death.

*Surgeon to the Fire Brigade.*

The Commissioner shall, as soon as may be, appoint a competent medical practitioner to be surgeon to the Fire Brigade. He shall receive a monthly payment of Rs. 150 with Rs. 45 conveyance allowance. He shall be bound to give his services gratis, whenever called upon, to any member of the Fire Brigade and to furnish such certificates and reports as may be required by any rules for the time being in force or called for by the Commissioner. He shall not be debarred from private practice.

*Resolved* (with one dissentient): "That the report of the Sub-Committee on the draft amended pension rules for Municipal officers and servants and rules for the Fire Brigade be approved and adopted, and that the same be recommended to the Corporation for sanction."

No. 10840.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 3rd, January 1892.

* *See* Appendix **E**.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 22704, dated this day, the Corporation be recommended to sanction the payment out of surplus cash balance of Rs. 7,500 to meet a further excess in the budget grant for commission payable to the Port Trust and the two Railway Companies for the collection* of Town Duty."

No. 10841.

*Resolved*: "That the following be *recorded*:—Letter No. 22547, dated 5th instant, from the Commissioner, reporting the sale by public auction of the right of cutting grass for one year from 1st January to 31st December 1892 at the following places:—(1) From the Municipal land near the condensing reservoir at the Pumping Station (820 square yards), and from the compound of Mr. Varjiwandas Madhowdas' bungalow at Worli (33,333 square yards) to one Mr. Jadu Rama for Rs. 150†. (2) From the sides of the open main drain between Arthur and Clerk Roads (22,777 square yards) and on the banks of the storm-water reservoir at Mahaluxmi (36,166 square yards), to one Mr. Ramde Rajana for Rs. 1,100‡."

No. 10842.

No. 10843. Considered the list of Outstanding Business (1st January 1892).

Item No. 2.—Report of the Sub-Committee of the Standing Committee on the draft amended pension rules for Municipal officers and servants, and rules for the Fire Brigade. *Struck out*, the report having been adopted this day.

Item No. 5.—Petition, dated 9th October 1891, addressed to the Corporation by merchants and workpeople connected with the Cotton Green at Colaba, objecting to the erection of a market at Thomas Street. *Struck out*, the report having been presented and disposed of last week.

Item No. 6.—Resolution of the Corporation No. 8071, dated 26th October 1891, and letter No. 17223, dated same date, from the Acting Commissioner, on the subject of certain information, &c., being embodied in the Annual Administration Reports. *Struck out*, the report having been presented and being under consideration.

* The amount reserved for probable extra grants up to the end of the current financial year is Rs. 79,703. The amount of grants already sanctioned is Rs. 13,911-4-5, the amount recommended for sanction is Rs. 8,506-1-7, and the available balance is Rs. 57,285-10-0.

† This sale realized Rs. 58 only last year. ‡ Last year this sale realized Rs. 1,205.

Item No. 8.—Letter, dated 9th November 1891, from Mr. Ruttonji Mancherji Colah, requesting payment of Rs. 100, being balance claimed on account of 38 candies of babool wood slabs supplied by his firm (Khimji, Colah & Co.) to the Municipal Workshops in February last. *Struck out*, the application having been disposed of last week.

Item No. 12.—Memorandum No. 20098, dated 30th November 1891, from the Commissioner, requesting the Committee to recommend the Corporation to sanction the writing off of Rs. 13,351-1-0 as book loss from auction, &c., sale of unserviceable and other stores of the several departments as per list submitted. *Struck out*, the question having been disposed of last week.

Item No. 13.—Memorandum from the Municipal Secretary, forwarding petition, addressed to the Corporation, from the residents of Colaba, complaining of alleged nuisance caused by the fish-sellers in Nowroji and Thomas Streets, Colaba, and also of the discharge of cesspool carts at the southern end of the street. *Struck out*, the question having been disposed of last week.

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BOMBAY, 13*th January* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.S.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L.M. & S.: COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 2nd instant, were signed.

On the question of the signing of the minutes of the meeting held on the 6th idem, it was—

Proposed by Abdalla M. Dharamsi, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That resolution No. 10339 be submitted to the Corporation in the form of a report, as was done in the case of the Town Council's representation of 30th September 1885, on the question of providing for the cost of the Tansa Water Works, in order to allow such members as dissent from the terms of No. 10839, appending their minutes thereto."

The Chairman ruled that this could not now be done ; that if Mr. Dharamsi had wished it done, he should have proposed it at the time the matter was under discussion and before it was passed as a resolution ; that it was impossible to allow that a resolution once passed should, on the motion of a member of the Committee, be altered into a joint report.

The minutes of the 6th idem were then signed.

No. 11198. The seal of the Corporation was affixed to 8 debentures of the Sanitary Works loan of Rs. 500 each, Nos. 6993—7000, both inclusive. The seal of the Corporation was also affixed to (1) deed of agreement (in duplicate) between Mr. Maneklal Motilal and the Corporation, securing to the Corporation the right to remove at any future time, the balcony erected on the western side of his property situated at the junction of Agiary Street and Malharrao Wadi Lane, without payment of any compensation ; (2) to deed of agreement (in duplicate) between Hadji Hassam Chotani and the Corporation, securing to the Corporation the right to acquire at any future time, the set-back of property situated at Nos. 40-46, Girgam Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, or of any further work which may hereafter be added to it, and in the event of the land on which the unauthorised work has been erected being required, the same to be given to the Corporation free of charge and Mr. Chotani to accept the sum of Rs. 20 per square yard as the value of the remainder of the said ground and in full satisfaction of his claim under section 301 of the Act in respect of any loss, &c., sustained by him by reason of this acquisition.

No. 11199. *Resolved*: " That, as applied for by the Commissioner, in his memorandum No. 23113, dated 8th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of owner. | Where. |
|---|---|
| Mr. R. M. Ratnagar ... | ...Building at No. 441, Falkland Road." |

No. 11200. *Resolved* : " That, as applied for by the Commissioner, in his memorandum No. 23978, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 23189, dated 8th instant, and under the Pension Rules, sanction be given to the payment of a gratuity of Rs. 104-5-8, to Sudoo Bhiwaji, a peon in the Health Department, and contributor to the Pension Fund, who has been certified by the Government Medical Board as unfit for further service, the amount to be met from the grant for pension and gratuities for 1891-92.

No. 11201.

"That sanction be also given to the payment of salary due to Sudoo Bhiwaji, from 13th to 15th November last, the period during which he worked after the date of the certificate of unfitness granted to him."

*Resolved* : "That, as recommended by the Commissioner, in his memorandum No. 23535, dated 11th instant, sanction be given, under section 501 of the Municipal Act, to the payment of Rs. 20, from savings in Conservancy Branch, Section II, Labour, Health Department, in full settlement of Mr. J. D. D'Almeida's claim for damage done to his carriage in consequence of a collision with a Municipal cart."

No. 11202.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 23304, dated 9th instant, the Corporation be recommended to sanction the writing off of Rs. 2,716-14-3, from the live-stock return of the Health Department, being the book value of one horse that was sent to Pinjrapol and 40 bullocks that died, during the quarter ending 30th November 1891."

No. 11203.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

"That, as applied for by the Commissioner, in his letter No. 23178, dated 8th instant, the Corporation be recommended to sanction the payment of Rs. 25 per mensem, out of surplus cash balance, as house rent to Mr. Ginger, the head keeper, Victoria Gardens, the premises occupied by him having been reported to be in a dangerous and uninhabitable condition, and orders having been issued to demolish the same."

No. 11204.

*Carried* (with one dissentient).*

* The state of the surplus cash balance is as follows:—Reserved for probable extra grants up to the end of the current financial year Rs. 79,703, amount of grants already sanctioned Rs. 13,911-4-5, recommended for sanction Rs. 16,006-1-7, available Rs. 49,785-10-0.

*Resolved* : "That the following be forwarded to the Corporation, with reference to their resolution No. 9659, dated 3rd December 1891 :—Letter No. 23187, dated 8th instant, from the Commissioner, reporting that Mr. Rienzi Walton, Executive Engineer, having delivered over charge of his duties to Mr. Smith after office hours on the 5th ultimo, Mr. Walton's leave will commence from the 6th idem." No. 11205.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 23428, dated 9th instant, sanction be given, under section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Framji and Jewanji, the contractors for the building of Halalkhor Chawls in Kharshedjee Suklajee Street, whereby the period for the completion of the work may be extended from 12 to 13 months." No. 11206.

The consideration of the Report of the Acting Health Officer for the third quarter of 1891, was postponed till next week.

In accordance with notice, it was

Proposed by Abdalla M. Dharamsi, Esq.—

"That the Commissioner be requested to state what steps have been taken, and with what result, to let the house at Bhuleshwar, purchased by the Municipality, from Mr. Jekisondas Gungadas."

The Commissioner stated that the house in question was placed in the hands of a house agent, but the only offer received was one of Rs. 15 a month. He (the Commissioner) will now have a "to let" board in Gujerathi put up on the premises.

*Resolved* : "That, in reply to their letter, dated 8th instant, Messrs. R. Ramchandra & Co. be informed that the articles tendered by them were neither required nor advertised for by the Municipality, the tenders called for being 'Calvert's Carbolic Acid,' &c., and not 'Fletcher's Carbolic Acid.'" No. 11208.

The consideration of the following was postponed :—Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report. Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon. Memorandum No. 21724, dated 22nd December 1891, from the Commissioner thereon.

Considered petition, dated 8th instant, from Messrs. Ebrahim Nurudin, Edulji Cursetji Banatwalla and other owners of properties in Bazar Gate Street, complaining of the orders issued by the Commissioner, under section 309 of the Municipal Act, requiring them to remove the stall boards and weather-frames from their premises, stating that the frames and boards have been in existence for upwards of 50 years and consequently they must be considered to have been lawfully erected. That the street is a broad one and the traffic has much decreased since the running of the tram cars in close proximity thereto That the weather frames are over 10 feet in height and their removal would prevent the protection of applicants' properties from the rain. That the stall boards are useful to the public and serve as sleeping boards for the night watchmen. Requesting therefore that they may be allowed to remain.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, with reference to their petition, dated 8th instant,
No. 11209. Messrs. Ebrahim Nurudin, Edulji Cursetji Banatwalla, and others, be informed that under the provisions of the Municipal Act, the Municipal Commissioner is vested with entire authority in the matter of the removal of stall boards and weather-frames. That applicants be further informed that the petition has been passed on to the Commissioner for disposal."

*Carried.*

*Resolved*: "That the following be *recorded* :—Memo-
No. 11210. randum No. 23765, dated 12th instant, from the Commissioner, forwarding analyses of water delivered in the city as under :—

*Sample of unfiltered Vehar water obtained, from the Settling basin of the Bhandarwala Hill Reservoir, on 5th January 1892.*

| | Parts per mille. |
|---|---|
| Free Ammonia | ·02 |
| Albumenoid Ammonia | ·15 |

*Sample of unfiltered Tulsi water obtained, from the Inlet well of the Malabar Hill Reservoir, on 5th January 1892.*

| | Parts per mille. |
|---|---|
| Free Ammonia | ·04 |
| Albumenoid Ammonia | ·17 |

*Sample of filtered Tulsi water obtained, from the Distributing tank of the Malabar Hill Reservoir, on 5th January 1892.*

| | Parts per mille. |
|---|---|
| Free Ammonia ..... | ·01 |
| Albumenoid Ammonia ..... ..... | ·15 |

*Sample of Pawai water obtained, from the lake near Outlet tower, on 5th January 1892.*

| | Parts per mille. |
|---|---|
| Free Ammonia ..... | ·08 |
| Albumenoid Ammonia ..... | ·19" |

The following return was read and *recorded* :—

Return of fires at Koliwada (Sewree), Lady Jamsetjee Road, Chuckla Street, Elphinstone Road, Foras Road, Carroll Road, Coliwada (Worlee), Antop Hill (Matunga), Towa Street (Shaik Abdul Rehman Street), Janjikar Street (Chukla), Charni Road, Chinch Bunder Road and Upper Duncan Road, forwarded with the Commissioner's memorandum No. 22641, dated 6th January 1892.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 10th January 1892.

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BOMBAY, 22*nd January* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the CHIEF ACCOUNTANT; and the SECRETARY.

The minutes of the meeting held on the 13th instant, were signed.

No. 11697. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 24200, dated 14th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of owner. | Where. |
|---|---|
| Mr. Vujir Esmail Cassu ... ... | Building at Belvidere Road." |

No. 11698. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 24867, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

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* *See* Appendix E. † *See* Appendix C.

Considered the following :—Letter No. 24622 of 1891-92, dated 18th January 1892 :—

To THE MUNICIPAL SECRETARY.

SIR,—I have the honor to enclose copy of a letter, dated 1st instant, from Mr. Rienzi Walton, applying for the conversion of the privilege leave for two months granted to him by resolution of the Standing Committee, No. 9306 of 25th November 1891, into leave on medical certificate for six months. The application is supported by a certificate from Sir Guyer Hunter, M.D., &c.—H. A. ACWORTH, Commissioner.

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2. LEXHAM GARDENS, KENSINGTON, W., *January* 1, 1892.

To H. A. ACWORTH, Esq., C.S.,
Municipal Commissioner, Bombay.

SIR,—I have the honour to enclose a medical certificate from Sir Guyer Hunter, M.D., and in accordance with his advice to request the favour of your sanction to the conversion of my leave into six months' sick leave, dating from the 5th December 1891.—I have, &c., RIENZI WALTON, Executive Engineer.

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No. 21665 OF 1891-92.

BOMBAY, 21*st December* 1891.

To THE MUNICIPAL SECRETARY.

SIR,—With reference to the resolution of the Corporation appointing Mr. Smith to act for Mr. Walton, I have the honor to inquire whether Mr. Smith's acting allowance is to be calculated on the minimum or the maximum pay of the Executive Engineer's appointment or on any account between the two. The section of the Leave Rules which applies is No. 125 of the Civil Service Regulations, and this provides as follows :—

"An officer with a substantive appointment officiating in another "appointment or in a higher grade is entitled to an acting "allowance of $\frac{1}{4}$th of the pay of the appointment or grade, but the "acting allowance shall not be less than—(1) $\frac{3}{5}$rd of the "difference between the pay of the appointment or grade and the "pay of the officiating officer, or (2) subject to the maximum "salary (see article 117*) Rs. 200."

Mr. Smith's pay, if thus calculated, would be on Rs. 1,200, Rs. 1,240 ; and on Rs. 1,500, Rs. 1,333-5-4 ; *i. e.*, in the former case it would be less than the minimum pay of the Executive Engineer and the latter slightly above it. It is for the Corporation to settle the question and lay down a general rule. The fairest way of arriving at a decision seems to me to be that the acting pay should be calculated on the pay which was actually being drawn by the permanent incumbent at the time he went on leave.

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* Article 117 of the Civil Service Regulations :—"The maximum salary of an "officiating officer is the pay of the appointment." "The minimum salary of an "officiating officer is half the pay of the appointment."

2. I append a transfer statement providing for the payment of all acting allowances during Mr. Walton's absence. The amount to be paid out of it to Mr. Smith will of course depend on the decision of the Corporation on the point above raised.—I have, &c., H. A. ACWORTH, Commissioner.

No. 11699. *Resolved* : "That, as recommended by the Commissioner in his letter No. 24622, dated 18th instant, and in lieu of the resolutions of the Committee, Nos. 9306, dated 25th November, and 11205, dated 13th January 1892, sanctioning two months' privilege leave to Mr. Rienzi Walton, Executive Engineer, from 6th December last, sanction be now given to the conversion of the said leave into sick leave for six months, commencing from 6th December 1891.

"That, with reference to the Commissioner's letter No. 21665, dated 21st ultimo, the Corporation be recommended to authorize him to calculate the allowance payable to Mr. James W. Smith as Acting Executive Engineer on the amount of salary actually drawn by Mr. Walton at the time he proceeded on leave.

"The amount to be met out of savings in Mr. Walton's salary consequent on his privilege leave being converted into sick leave."

No. 11700. *Resolved* : "That, as applied for by the Commissioner in his letter No. 23886, dated 12th instant, sanction be given to Mr. E. J. Hale, Draftsman, Executive Engineer's office, being allowed to contribute to the Pension Fund, from the date of his permanent employment."

No. 11701. *Resolved* : "That, as applied for by the Commissioner in his letter No. 24539, dated 18th instant, sanction be given to the acceptance by him of the tender of Messrs. Gangaram Luxmon & Co., the lowest of three tenders received, for the construction of a chawl for the staff at the Love Grove Pumping Station. The amount, viz., Rs. 8,532-14-2, to be met out of the provision of Rs. 9,367 (new works) in the current year's budget."

No. 11702. *Resolved* : "That, as applied for by the Municipal Secretary in his letter No. 11696, dated this day, the Corporation be recommended to sanction the payment of Rs. 600 out of surplus cash balance to meet the cost of engrossing on vellum, and of binding, the Address

of condolence to Her Majesty on the death of H. R. H. the Duke of Clarence and Avondale, and of telegraphing the purport of the address."*

Considered the following :—

No. 3371 OF 1891-92.

BOMBAY, 16*th January* 1892.

TO THE COMMISSIONER.

SIR,—With reference to the Standing Committee's Resolution No. 3639, dated 8th July 1891, I have the honour to forward herewith a copy of the Municipal Solicitors' opinion obtained as directed by you, on the subject of the raising of the 6th instalment of 25 lakhs of the Tansa Loan, and the Municipal Building Loan of 8 lakhs.

2. It will be seen therefrom that they advise the raising of the above loans out of surplus moneys, dating the bonds as issued prior to the close of 1891, as per the terms of our applications for the loans.

3. Under the circumstances I am, with your approval, taking steps for the issue of the Tansa Loan Debentures as of date 24th December 1891, as under :—

| | | | |
|---|---|---|---|
| Bonds for Rs. | 48,000 | in favour of the 27 lakhs Drainage and Water Works Loan. | To replace advances made up to date to meet the outlay on the Tansa Works. |
| „ „ | 1,20,000 | in favour of the 7 lakhs Sanitary Works Loan. | |
| „ „ | 1,70,000 | in favour of the Agripada House Sullage Water Connections Loan. | |
| „ „ | 18,12,000 | in favour of the Surplus Cash. | |
| Rs. | 21,50,000 | | |
| Bonds for Rs. | 82,000 | in favour of the Municipal Loans Sinking Fund for the investment of the instalments due in January and February 1891. | |
| „ „ | 3,000 | in favour of the Municipal Buildings Fire Insurance Fund for the investment of the amount set apart for 1891-92. | |
| „ „ | 2,65,000 | in favour of the Tansa Loan for the investment of the remaining unexpended balance of the loan. | |
| Total...Rs. | 25,00,000 | | |

4. As the expenditure on the new Municipal Building has up to date been met out of former year's investments, it was not necessary to raise the Building Loan up to now, but, owing to the terms of our application, the whole of the Building Loan of 8 lakhs will have to be invested in debentures of the same loan as advised by the Solicitors.

* The state of the surplus cash balance is as follows :—Reserved for probable extra grants up to the end of the current financial year Rs. 79,703, amount of grants already sanctioned Rs. 13,911-4-5, recommended for sanction Rs. 16,081-1-7, available Rs. 49,710-10-0.

5. The funds that will hereafter be required to meet further outlay on the above two works will, as sanctioned in the Standing Committee's Resolution No. 3639, quoted above, be met by advances from the balances of the other loans already raised, and the debentures of the new loans now proposed to be issued will partly be utilized in replacing such advances from time to time.

6. By this arrangement we shall be able to get interest at 5 per cent. on the investments of the two new loans, instead of investing the money, that may be realized by raising the loans at present in the public market in 4 per cent. Government or Port Trust Paper, or depositing it at the Bank of Bombay without interest.

7. If we have to issue bonds for Rs. 500 for these loans as usual, it would have necessitated the issue of 6,600 bonds, which would have involved a larger expense for their printing on water marked paper, much clerical, &c., labour in the preparation and great trouble in their execution by the Commissioner, and in the affixing of the seal of the Corporation thereon, with the attesting signatures of members of the Standing Committee.

8. With a view to avoid all the above trouble and expense, I saw the Secretary and Treasurer, Bank of Bombay, with your approval and requested him to make us some concession in the charge for sub-division fees, in the event of our issuing bonds for larger amounts than 500 and the purchasers thereof requiring them to be sub-divided into smaller pieces. The Secretary and Treasurer has kindly agreed to charge us half the amount of fees chargeable to the public.

9. In the accompanying two statements I have shown the amounts and the numbers* of bonds proposed to be issued for each of these two loans.

10. These debentures will not, as far as can be judged at present, require to be sold for a long time and possibly not at all; as we would be able to transfer them to the Sinking Fund and the Municipal Buildings Fire Insurance and other invested funds from time to time.

11. If we have to pay any fees at all under this arrangement, the sum payable would be very small and quite insignificant, when compared with the saving that would be effected in time, trouble, and printing, &c., expenses as stated above.

12. On the Standing Committee approving of the above arrangement I shall take the necessary steps to get the bonds printed off, stamped and executed before the close of the current official year.—I have, &c.,

SORABJI NAVAROJI COOPER,
Chief Accountant.

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No. 24475 of 1891-92.

18*th January* 1892.

Forwarded to the Standing Committee for approval and sanction.

H. V. ACWORTH, Commissioner.

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* 425 + 215 — 640 against 6,600 as per para. 7.

*Statement showing the number and value of debentures to be issued in connection with the 6th instalment of Rs. 25 lakhs on account of the Tansa Loan.*

| Names. | Number of Bonds and the value of each. | Amount. | Numbers. |
|---|---|---|---|
| | | Rs. | |
| Municipal Commissioner (investment of surplus moneys to the credit of the Municipal Fund). | 20 Bonds of Rs. 25,000 each... | 5,00,000 | 24401 to 25400 |
| | 21 „ of „ 20,000 „ ... | 4,20,000 | 25401 to 26240 |
| | 35 „ of „ 15,000 „ ... | 5,25,000 | 26241 to 27290 |
| | 50 „ of „ 10,000 „ ... | 5,00,000 | 27291 to 28290 |
| | 20 „ of „ 5,000 „ ... | 1,00,000 | 28291 to 28490 |
| | 100 „ of „ 2,000 „ ... | 2,00,000 | 28491 to 28890 |
| | 170 „ of „ 1,000 „ ... | 1,70,000 | 28891 to 29230 |
| | 416 | 24,15,000 | |
| Municipal Commissioner (Sinking Fund). | 4 Bonds of Rs. 20,000 each... | 80,000 | 29231 to 29390 |
| | 2 „ of „ 1,000 „ ... | 2,000 | 29391 to 29394 |
| | 6 | 82,000 | |
| Municipal Commissioner(Municipal Buildings Fire Insurance Fund). | 3 Bonds of Rs. 1,000 each ... | 3,000 | 29395 to 29400 |
| Total ... ... | 125 Bonds Rs. ... | 25,00,000 | |

*Statement showing the number and value of debentures to be issued in connection with the Municipal Building Loan of Rs. 8 lakhs.*

| Names. | Number of bonds and the value of each. | Amount. | Numbers |
|---|---|---|---|
| | | Rs. | |
| Municipal Commissioner (investment of surplus moneys to the credit of the Municipal Fund). | 4 Bonds of Rs. 25,000 each... | 1,00,000 | 1 to 200 |
| | 5 „ of „ 20,000 ... | 1,00,000 | 201 to 400 |
| | 6 „ of „ 15,000 „ ... | 90,000 | 401 to 580 |
| | 20 „ of „ 10,000 „ ... | 2,00,000 | 581 to 980 |
| | 20 „ of „ 5,000 „ ... | 1,00,000 | 981 to 1180 |
| | 50 „ of „ 2,000 „ ... | 1,00,000 | 1181 to 1380 |
| | 110 „ of „ 1,000 „ ... | 1,00,000 | 1381 to 1600 |
| Total... ... | 215 Bonds ... ... ... | 8,00,000 | |

BOMBAY, 22*nd December* 1891.

To SORABJI NAVAROJI COOPER, Esq.,
Chief Accountant, Municipality.

SIR,—With reference to the papers which your clerk left with us a few days ago, and to the interview which Mr. Crawford had with you on the 19th instant on the subject of the arrangements to be made in connection with the 6th instalment of the Tansa Loan and the Municipal Building Fund Loan, we have now the honour to express in writing our views upon the several questions which have suggested themselves and which were discussed between us.

As to the time within which the loans must be raised, it appears that in accordance with the rules prescribed by Government the time at which it was proposed to raise the money was duly specified in the applications for sanction, namely, in each case "between July and December 1891." The sanction of Government has been accorded on the footing of these applications and is therefore a sanction to the raising of the money during the period specified and no other, and this being so, we think it is essential that the loans be raised and the debentures issued as of some date before the close of December 1891, otherwise fresh applications, fresh publication and fresh sanction would be necessary. We do not, however, (after the explanation you have given us as to how matters stand) consider that there need be any difficulty in fulfilling this condition as to time.

As regards the sixth instalment Tansa Loan, the case we believe stands thus: some 21 lakhs out of the whole amount of this instalment (25 lakhs) have already been provided out of surplus funds and the actual balance to be provided for the work, so far as this loan is concerned, is therefore only about 4 lakhs, and this sum we understand it is proposed to provide from time to time as required from surplus cash balance or if necessary by sale of debentures.

We can see no objection whatever under these circumstances to the debentures for the whole amount (25 lakhs) being issued as of date 24th December 1891.* The Tansa Works will then be credited as of that date with the full amount of the sixth instalment, while the new debentures bearing interest from 1st January 1892 will take the place of the moneys withdrawn for Tansa in anticipation, from surplus cash balance and will also represent an additional reserve of surplus funds to the

* At a personal interview the Solicitors suggested 24th December.

extent of the undrawn and unexpended balance of the 25 lakhs, the whole being thus held in the form of debentures available for disposal in the market gradually as occasion offers and as necessity requires, and by this means a more favourable rate will necessarily be procurable than if the whole of the debentures were placed in the public market together. The transaction as thus effected will practically amount to nothing more or less than this, that the sixth instalment of the Tansa Loan will be duly raised within the time limited while the amount previously borrowed from surplus funds will be made good, and, together with the balance necessary to make up the 25 lakhs, will, as such surplus funds, be invested in public securities bearing the interest which, in terms of the Government sanction, will be properly chargeable against the Tansa Loan. Such interest being thus in the result saved to the Corporation in addition to the loss which would otherwise accrue from placing a large loan in the public market all at once. This arrangement, while giving effect to the conditions of the Government sanction as regards the time of raising the loan, will also, we consider, be in complete accord not only with the spirit but with the letter of the Standing Committee's Resolution No 3639, dated the 8th July 1891, for that Resolution merely sanctions the Commissioner's proposal "not to raise for the present any loan in the public market."

The only possible objection which it occurs to us might be suggested is that the application and consequently the sanction was for the raising of the loan from the *public*, but when it is borne in mind that the surplus moneys are in reality the moneys of the public and that section 122 of the Municipal Act gives express power to invest such surplus moneys (*inter alia*) in "any Bombay Municipal Debentures," we think it would be held that the transaction does not in fact involve any contravention of the terms of the sanction.

The above remarks apply with equal force to the Municipal Buildings Loan, the debentures in respect of which may we think in like manner be issued as of date 24th December 1891,* the loan being treated as raised on that date, and the proceeds being invested as surplus moneys.

We have altered in red ink and returned herewith *two forms* of the debentures in use in respect of the Sinking Fund, one of them

* The altered date was suggested by the Municipal Solicitors at a personal interview.

adapted for the investment in the Tansa Loan and the other in the Municipal Building Loan. We think that as thus altered they will serve respectively as the forms to be adopted in respect of the investment of surplus moneys in the Tansa Loan (6th instalment) and Municipal Building Loan.

We return the papers left with us.

We have, &c.,
CRAWFORD, BURDER & Co.

No. 11703. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 24475, dated the 18th instant, and with reference to the Standing Committee's resolution No. 3639, dated 8th July 1891, sanction be given to the following arrangements, as detailed in the Chief Accountant's letter to the Commissioner, No. 337, of 16th instant, regarding the raising of the 6th instalment (Rs. 25,00,000) of the Tansa Water Works Loan and the Municipal Building loan of Rs. 8,00,000:—

"1. The issue of Rs. 25,00,000 of Tansa loan debentures, under date of 24th December 1891, as detailed in para. 3 of the letter.

"2. The issue of Rs. 8,00,000 of debentures of the Municipal Building Fund loan, as per para. 4 of the same.

"3. The printing, stamping and execution of 455 bonds on account of the Tansa Loan, and 215 bonds of the Building loan as per the statements accompanying the letter.

"4. The modified scale of sub-division fees referred to in para. 8 which the Secretary and Treasurer of the Bank has been good enough to consent to accept."

No. 11704. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 24474, dated 18th instant, the Corporation be recommended to sanction the payment of Rs. 4,000, out of the profit of about Rs. 20,000 realised by the sale of paper for Rs. 2,58,000, belonging to the Building Fund loan, to meet the cost of stamp duty on the debentures of that loan (Rs. 8,00,000.)"

No. 11705. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 24470, dated 18th instant, sanction be given to the payment of Rs. 6-3-9 as bhatta charges to the taxidermist of the

Victoria and Albert Museum during the time he was at Khandalla and other places for the collection of natural history specimens. The amount to be met from the grant for the maintenance of the museum."

Considered the following :—

No. 3330 of 1891-92.

BOMBAY, 13*th January* 1892.

To THE COMMISSIONER.

SIR,—I have the honor to forward, for transmission to the Standing Committee, a return of the Receipts and Disbursements of the Bombay Municipality for the quarter ending 24th December 1891 as compared with the corresponding quarter for the previous year, as required by the then Town Council's resolution No. 465 of 1st June 1887, with a list of additional grants sanctioned by the Corporation during the quarter.

2. The unappropriated surplus cash balance as pointed out in my report No. 1677, dated the 20th August 1891, on the accounts of the past year is Rs. 5,00,000, the whole of which has already been appropriated in the ensuing year's budget, reserving Rs. 1,46,907 for additional grants sanctioned and to be sanctioned for the current year.

3. The extra grants sanctioned up to the end of the past quarter, *viz.*, 24th December 1891, aggregate Rs. 81,114-15-4, thus the unappropriated balance of the above reserve of Rs. 1,46,907 amounts to Rs. 65,792 which, I trust, would be more than sufficient to meet our extra requirements (if any) up to the end of the current quarter.—I have, &c., SORABJI NAVAROJI COOPER, Chief Accountant.

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No. 24303 of 15th January 1892.

Forwarded to the Standing Committee for information.

H. A. ACWORTH, Commissioner.

## ACCOUNT OF THE BOMBAY MUNICIPALITY
as contrasted with that for the Quarter

| | Budget Estimate. | Quarter ending 27th December 1890. | Quarter ending 24th December 1891. |
|---|---|---|---|
| **RECEIPTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| *Opening Balance* ... ... | 4,30,000 0 0 | 10,83,956 2 11 | 43,020 12 8 |
| General Tax ... ... ... | 17,38,800 0 0 | 6,02,064 0 8 | 5,62,258 9 9 |
| Water Works Revenue (including Water Tax) ... | 12,20,760 0 0 | 2,74,843 2 2 | 2,23,766 0 6 |
| Wheel Tax and Tolls ... | 3,09,700 0 0 | 47,814 9 11 | 43,523 15 2 |
| Halalkhor Tax ... ... | 5,48,000 0 0 | 1,46,767 13 11 | 1,41,192 7 7 |
| Duties, Town... ... ... | 9,00,000 0 0 | 2,53,208 9 7 | 2,92,545 2 7 |
| Licenses ... ... ... | 63,750 0 0 | 14,275 6 0 | 12,855 12 0 |
| Receipts from Govt. for Liquor Licenses | 1,43,750 0 0 | ..... | ..... |
| „ for Tobacco Duty. | 1,67,800 0 0 | 41,170 0 0 | 42,720 0 0 |
| Market Receipts ... ... | 3,47,380 0 0 | 81,418 7 11 | 89,728 8 1 |
| Miscellaneous Fees ... ... | 45,400 0 0 | 9,851 12 3 | 9,221 4 2 |
| „ Fines and Penalties... | 7,000 0 0 | 1,674 13 9 | 3,802 8 0 |
| „ Receipts ... | 1,01,135 0 0 | 25,581 6 1 | 29,079 0 9 |
| „ Savings ... | 3,000 0 0 | 2,183 13 4 | ..... |
| Public Gardens ... ... | 6,000 0 0 | 2,147 14 6 | 2,073 6 0 |
| Contribution from Municipal servants towards Pension, &c., Fund ... ... | 14,000 0 0 | 3,670 9 2 | 3,840 0 10 |
| Tramway Rent ... ... | 36,200 0 0 | 18,096 1 11 | 18,096 1 11 |
| Workshops Recoveries ... | 1,40,000 0 0 | 6,303 2 10 | 30,053 6 0 |
| Interest and Profit on Investments ... ... ... | 1,17,000 0 0 | 10,541 9 4 | 1,06,081 1 1 |
| | 59,09,675 0 0 | 15,41,513 5 4 | 16,10,837 4 5 |
| Debt ... ... ... ... | ..... | 24,45,650 0 0 | 12,500 0 0 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 37,17,510 6 5 | 4,74,457 4 6 |
| Advances ... ... ... | ..... | 2,94,516 13 2 | 78,069 15 4 |
| Deposits ... ... ... | ..... | 1,57,489 1 5 | 73,316 6 9 |
| Rupees ... | 59,09,675 0 0 | 81,56,679 10 4 | 22,49,180 15 0 |
| Total Rupees ... | 63,39,675 0 0 | 92,40,635 13 3 | 22,92,201 11 8 |

## FOR THE QUARTER ENDING 24TH DECEMBER 1891, ending 27TH DECEMBER 1890.

| | Budget Estimate. | Quarter ending 27th December 1890. | Quarter ending 24th December 1891. |
|---|---|---|---|
| **DISBURSEMENTS.** | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Superintendence ... ... | 1,81,676 0 0 | 39,220 6 0 | 50,076 10 10 |
| Assessment and Collection Department ... ... | 2,30,480 0 0 | 53,154 1 3 | 56,243 8 6 |
| Fire Brigade... ... ... | 1,44,800 0 0 | 50,113 14 4 | 24,450 13 5 |
| Public Gardens ... ... | 80,739 0 0 | 70,804 11 2 | 11,768 0 0 |
| Public Works. General Supervision Estt. (including Workshops) ... ... ... | 1,80,708 0 0 | 19,804 10 1 | 43,439 3 5 |
| Drainage ... ... | 1,83,141 0 0 | 63,558 1 6 | 48,877 14 4 |
| Water Works ... ... | 2,08,642 0 0 | *9,46,351 4 7 | †1,96,746 0 7 |
| Streets and Buildings Inspection and Supervision Estt. ... ... | 85,278 0 0 | 20,651 10 11 | 20,377 8 7 |
| Public Lighting ... | 3,69,715 0 0 | 99,561 5 3 | 1,03,337 13 1 |
| Road Watering... ... | 93,270 0 0 | 9,066 10 4 | 12,070 5 8 |
| Road Repairs and Maintenance ... ... | 4,65,872 0 0 | 1,17,253 3 6 | 1,43,509 9 8 |
| Street Improvements ... | 1,05,030 0 0 | 44,629 11 2 | 12,516 7 6 |
| Cleaning, Lighting and Repairing Port Trust Wharves ... ... | 37,642 0 0 | 37,642 0 0 | 37,642 0 0 |
| Health Department... ... | 14,26,279 0 0 | 2,97,776 15 5 | 2,83,687 0 5 |
| Miscellaneous (including Contributions to Hospitals, &c.) ... ... ... | 1,45,608 0 0 | 33,036 2 4 | 42,211 2 9 |
| Police Charges ... ... | 2,58,289 0 0 | 64,571 5 9 | 64,571 5 9 |
| Education (including Veterinary College, &c.) ... | 83,680 0 0 | 19,122 0 5 | 17,464 2 3 |
| New Works and Reserve Funds ... ... ... | 69,270 0 0 | 75,598 12 2 | 64,578 6 4 |
| Debt ... ... ... ... | 18,08,252 0 0 | 3,74,568 0 4 | 3,96,099 5 8 |
| | 61,58,371 0 0 | 5,43,782 5 4 | 16,29,667 6 9 |
| Bank of Bombay Loan and other Deposit Accounts ... | ..... | 82,75,576 15 9 | 3,54,508 1 1 |
| Loan Works Accounts ... | ..... | 1,61,449 4 0 | 1,13,900 9 4 |
| Advances ... ... ... | ..... | 1,36,266 5 5 | 1,04,568 8 5 |
| Deposits ... ... ... | ..... | 76,485 8 9 | 41,228 8 6 |
| Rupees... | 61,58,371 0 0 | 91,93,560 7 6 | 22,43,873 2 1 |
| Balance on 1891 ... | ..... | 47,075 5 9 | 48,328 9 7 |
| Estimated Balance on 31st March 1892... | 1,81,304 0 0 | ..... | ..... |
| Total Rupees... | 63,39,675 0 0 | 92,40,635 13 3 | 22,92,201 11 8 |

* The total payments made during the quarter aggregated Rs. 5,61,018-10-11, *i.e.* Rs. 49,445-13-9 on maintenance, and Rs. 5,11,572-13-2 on Loan Works. But owing to the credits aggregating Rs. 15,07,369-15-6 on account of withdrawals of the Tansa Loan Funds during the same quarter there remained a net credit balance of Rs. 9,46,351-4-7.

( ) Credits deducted.

† Includes a net sum of Rs. 1,59,815-4-10 paid to date on account of Tansa and other Water Work executed out of Loan Funds and investment of Surplus Tansa Loan and Interest Funds.

*Additional Grants sanctioned by the Corporation during the Quarter ending 31st December 1891.*

| No. | Month and Date. | | Amount. | | |
|---|---|---|---|---|---|
| | 1891. | | Rs. | a. | p. |
| 7574 | October 15 ... | Grant of Rs. 11,000, from surplus cash balance, to meet the excess in the Budget grant of Rs. 47,200 for commission payable to the Port Trust and the two Railway Companies for the collection of Town Duties... ... ... | 11,000 | 0 | 0 |
| 7921 | „ 22 ... | Grant of Rs. 5,083-5-4, from surplus cash balance, being the salary of the Acting Municipal Commissioner for two months and one day from the 19th September 1891... ... ... | 5,083 | 5 | 4 |
| 8694 | November 9 ... | Grant of Rs. 6,356-0-9, from surplus cash balance, to Government in settlement of the extra charges arising out of the construction of the Byculla Over-bridge ... ... ... ... | 6,356 | 0 | 9 |
| 9666 | December 3 ... | Grant of Rs. 775, from surplus cash balance, to meet excess in the grant for printing, Section III, Contingencies, Stationery and Printing, Commissioner's Office, consequent on the cost of additional printing for the Annual Report for 1890-91 ... ... ... | 775 | 0 | 0 |
| 9667 | „ „ ... | Grant of Rs. 5,000, from surplus cash balance, to meet additional printing and advertising charges of the Corporation and Standing Committee's office up to the end of the current financial year, including the cost of general advertising and printing and of printing, re-printing, and advertising the Building By-laws and By-laws relating to the election of members of the Standing Committee ... | 5,000 | 0 | 0 |
| 9670 | „ „ ... | Grant of Rs. 1,396, from surplus cash balance, to meet the cost of the erection of a 3-chamber latrine, on the water-closet system, in the Victoria Gardens for the convenience of the public ... ... ... ... ... | 1,396 | 0 | 0 |
| 9834 | „ 7 ... | Grant of Rs. 884-8-8, from surplus cash balance, for acting allowances payable on account of 87 days' privilege leave granted to the 3rd Assistant Assessor ... ... ... | 884 | 8 | 8 |
| | | Total Rs.... | 29,094 | 9 | 9 |

*Resolved:* "That the following be printed and *recorded* on the minutes of this day's meeting:—Memo-
No. 11706. randum No. 24303, dated 15th instant, from the Commissioner, forwarding, as required by the late Town Council's resolution No. 465, dated 1st June 1887, a quarterly return showing the income and expenditure for the quarter ending 24th December 1891, as compared with the corresponding quarter of the previous year, together with a list of additional grants sanctioned by the Corporation during the quarter."

*Resolved*: "That the following be *recorded*:—Memo-
No. 11707. randum No. 23966, dated 13th instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484,

dated 3rd October 1888, the transfer of Rs. 2,40,312-14-8, (1) of Rs. 2,00,000 from the 35 Lakhs Various Sanitary Works Loan deposit account to the Municipal General Fund pass book on 4th instant, (2) of Rs. 14,559-1-8 from the Surplus Cash deposit account to ditto on 9th idem, (3) of Rs. 11,385-12-0 from the Drainage and Water Works Loan deposit account of 12 Lakhs to ditto, on ditto, (4) of Rs. 10,283-2-0 from the New Sanitary Works Loan deposit account No. 1 to ditto on ditto, and (5) of Rs. 4,084-15-0 from the Municipal Building Fund deposit account to ditto on ditto."*

No. 11708.

*Resolved*: "That the report of the Health Officer for the third quarter of 1891 be forwarded to the Corporation.

"2. That in future, when cases of hydrophobia occur in Bombay, the Health Officer be asked to show separately the number of such cases, and that when the report for the fourth quarter is prepared, those cases which have recently occurred be included in the returns."

The further consideration of the following was postponed till next week:—

Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report.

Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon.

Memorandum No. 21724, dated 22nd December 1891, from the Commisssioner thereon.

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* The balance remaining to the credit of the respective loan funds after effecting the above transfers are as under:—

| | | | | | | |
|---|---|---|---|---|---|---|
| (1) 35 Lakhs Sanitary Works Loan Deposit Account in 4 per cent. Government Paper for 16,04,100 ... ... ... ... ... | Rs. | 16,54,835 | 8 | 0 | Rs. | a. p. |
| In cash ... ... .. ... ... ... | ,, | 17,092 | 8 | 11 | | |
| | | | | | 16,71,928 | 0 11 |
| (2) Surplus Cash Deposit Account in 4 per cent. Government Paper, Rs. 2,69,600 ... | | | | | 2,79,423 | 4 0 |
| (3) Drainage and Water Works Loan Deposit Account of 12 Lakhs in 4 per cent. Government Paper .. ... ... ... ... ... | ,, | 5,70,000 | 0 | 0 | 5,67,862 | 8 0 |
| (4) New Sanitary Works Loan Deposit Account No. 1 in 4 per cent. Government Paper ... ... ... ... ... ... | ,, | 6,70,000 | 0 | 0 | 6,55,518 | 10 4 |
| (5) Municipal Building Fund Deposit Account in 4 per cent. Government Paper ... ... | ,, | 2,58,000 | 0 | 0 | 2,55,063 | 2 0 |

*Resolved* : "That the following be *recorded*:—Letter
No. 11709. No. 24328, dated 16th instant, from the Commissioner, reporting that he has sold the right of collecting plums (Bhors) from the trees in the compound of Mr. Varjeewandas Madhowdas' bungalow at Worli to one Bhagwan Jayaji for Rs. 7 from January to May 1892. The right was sold last year for the same amount."

*Resolved* : "That the following be laid on the table :—
No. 11710. Letter, dated 15th instant, from Messrs. Ardeshir Framji Moos and Nanabhai R. Ranina, stating that they have audited the weekly statements of receipts and disbursements at the end of each week for the month of December last and compared them with the ledgers and found them correct. Forwarding statements and summary of their scrutiny of accounts."

The following return was read and *recorded* :—

Return of fires at Lohar Chawl, Jackeria Bunder (Sewri), Dharavi Road (Mahim) and Nepean Sea Road, forwarded with the Commissioner's memorandum No. 23525, dated 11th January 1892.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 17th January 1892.

*Resolved* : "That, as applied for by the Commissioner,
No. 11712. in his memorandum No. 24686, dated 19th instant, and subject to the approval of the Corporation under section 133 of the Act, sanction be given to the transfer of Rs. 3,500 from savings in Conservancy Branch, Section I, Superintendence and Inspection, Health Department budget, to II, Conservancy Branch, V, stores, miscellaneous, same budget, to meet excess on the latter grant due to inadequate budget provision."

*Resolved* : "That, as applied for by the Commissioner
No. 11713. in his letter No. 24690, dated 19th instant, sanction be given to the payment of Rs. 52-8-0 (as per pay sheet submitted) on account of allowances to the Superintendent, Polling Officers, &c., employed at the election held on the 24th ultimo, to fill the casual vacancy caused by the resignation of Mr. Narayen G. Chandavarkar, the amount to be met out of the grant for election expenses."

* See Appendix E. † See Appendix C.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 24766, dated 21st instant, and subject to the approval of the Corporation under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 20,000 from savings in the grant for contingencies, Tansa Water Works, to the grant for pipes, special castings, &c., same department, to meet excess due to the cost of special castings, &c., required for connections between the Tansa main and the Vehar and Tulsi mains."

No. 11714.

*Resolved* : "That the following be *recorded* with the approval of the Standing Committee to the variation of the contract therein mentioned :— Letter No. 24696, dated 19th instant, from the Commissioner, reporting that Mr. Dorabji Hoshungjee, contractor for the removal of offal at Bandora Slaughter Houses, died on the 2nd instant, and that Mr. Hormusjee, the late contractor's son, has been allowed to complete the contract which terminates at the end of February next."

No. 11715.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 24689, dated 19th instant, sanction be given to the transfer of Rs. 149-7-9, from savings in Conservancy Branch, Section 1, Superintendence and Inspection, Health Department Budget, to Section I, Establishment, Accounts and Expenditure, Audit Establishment, to meet the cost of acting arrangements made during the absence of the Cashier, on two months' privilege leave from 6th instant."

No. 11716.

Considered the following :—

No. 24830 OF 1891-92.

BOMBAY, 21*st January* 1892.

TO THE SECRETARY.

SIR,—I have the honour to state that the work of providing house connections in the first Drainage Section has been undertaken departmentally, and that therefore it is desirable that all the requisite materials should be ready on hand so that there may be no delay in the execution thereof.

As Messrs. Richardson & Cruddas are at present supplying cast-iron pipes and shafts and sundry fittings for house connections for the Agripada district in accordance with the contract sanctioned by the Standing Committee in their resolutions Nos. 4503, dated 13th August 1890, and 11571, dated 11th February 1891, I request, the Standing Committee to sanction the purchase of stoneware and

cast-iron pipes and other fittings required for this work from Messrs. Richardson & Cruddas in extension of their contract at a cost aggregating Rs. 55,473, and to recommend the Corporation to sanction an advance of Rs. 55,473 from available surplus loan or other funds for the purpose. The amount will be adjusted against the grant for the works on which these fittings may be used.

The fittings which are in stock have been used partly in the first Drainage Section and are being used in the Agripada District.—I have, &c., H. A. ACWORTH, Commissioner.

No. 11717.

*Resolved* : "That, as applied for by the Commissioner in his letter No. 24830, dated 21st instant, the Corporation be recommended to sanction an advance of Rs. 55,473 from available surplus loans or other funds to provide for the cost of stoneware and cast-iron pipes and other fittings required for house connections in the first Drainage Section.

"That subject to such sanction of the Corporation the Committee sanction an agreement being entered into with Messrs. Richardson & Cruddas for the purchase of the said articles as an extension of their existing contract for iron pipes, shafts and sundry fittings for the Agripada district (as per resolutions of the Committee, No. 4503, dated 13th August 1890, and No. 11171, dated 11th February 1891).

"That, as such supplies are most urgently needed and as Messrs. Richardson & Cruddas are already supplying articles of the same pattern and character, the Committee, under section 72 (3) of the Act, dispense with the invitation for tenders which would otherwise be necessary."

The Commissioner reported that he is re-opening the Municipal hospital in Grant Road in order to provide accommodation for the epidemic of small-pox which has broken out in the City.

It was agreed that the next meeting of the Committee be held at 2-30 P.M. instead of at 3 P.M.

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BOMBAY, 27*th January* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SIROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The signing of the minutes of the meeting held on the 22nd instant was postponed.

No. 11864. The seal of the Corporation was affixed to 8 attested duplicate debentures of the Sanitary Works Loan of Rs. 500 each, Nos. 461, 466, 1340 to 1343, both inclusive, 1677 and 2330 N.N.; (2) 8 ditto of the Municipal Loan of 1878 of Rs. 500 each, Nos. 1615, 3396 to 3400, both inclusive, 4879 and 4880; (3) 6 consolidated debentures of the Sanitary Works Loan of 1885, of Rs. 1,000 each, Nos. 1328-29, 1330-31, 1332-33, 1334-35, 1336-37, 1338-39; (4) 4 ditto ditto of Rs. 5,000 each, Nos. 1516-25, 1526-35, 1536-45, 1546-55; (5) 1 ditto ditto of Rs. 2,000, No. 1556-59; (6) 1 ditto of Drainage and Water Works Loan of Rs. 5,000, No. 2065-74.

No 11865. *Resolved*: "That, as applied for by the Commissioner in his memoranda Nos. 24655—24658, dated 19th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | Where. |
|---|---|
| Mr. Canji Chatur ... ... ... | Building at Dockyard Road. |
| „ Jewaji Jafferji... ... ... | „ at Bapty Road. |
| Hadji Salay Mahomed Jusub. ... | „ at Nos. 77 & 20-22, Bapty Road. |
| Hadji Kassum ... ... ... | „ at Coppersmith Street." |

No. 11866. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 25318, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 11867. *Resolved*: "That, the following be *recorded*:—Memorandum No. 24761, dated 21st instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,50,000, from the Municipal Building Fund deposit account, to the Municipal General Fund pass book, on the 14th and 16th instant."*

No. 11868. *Resolved*: "That, as applied for by the Commissioner in his letter No. 24871, dated 22nd instant, and in lieu of the resolution of the Committee, No. 7202, dated 22nd October 1890, sanctioning the stallage fees of Rs. 72 for stall No. 288 and Rs. 52 for stall No. 50, Erskine Road Old Fruit and Vegetable Market and Mutton Market, respectively, per quarter, sanction be

* The balance remaining to the credit of the Building Fund deposit, after effecting the above transfers, amounts to Rs. 1,26,580-3-6.

now given to the right of occupancy of the stalls being let for Rs. 55 and Rs. 42 per quarter, respectively, for the unexpired portion of the current quarter."

No. 11869. *Resolved*: "That, as applied for by the Commissioner in his letter No. 25272, dated 26th instant, and in lieu of the resolution of the Standing Committee, No. 7202, dated 22nd October 1890, sanctioning the stallage fees of Rs. 27 and Rs. 22 per quarter for stalls Nos. 79 and 107, respectively, in the Erskine Road Mutton Market, sanction be now given to the right of occupancy of the stalls being let for Rs. 20 each per quarter, stall No. 107 being let only, for the unexpired portion of the current year."

No. 11870. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 25005, dated 23rd instant, sanction be given to his depositing in the Bank of Bombay a further sum of Rs. 25,000, to the credit of the account already opened therein, for payment of compensation for land to be acquired, under the Land Acquisition Act, for the new roads and cross-roads between Dadur and Matunga. The amount to be debited to the allotment of Rs. 15,00,000 for new roads in Agripada and elsewhere."

No. 11871. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 25023, dated 23rd instant, sanction be given to the work of constructing the fourth sluice house on siphon No. 6, Tansa Water Works duct, being entrusted to Mr. Dhunjibhai Framji, at a cost of Rs. 5,656 in continuation of his contract for the construction of three valve-houses. The amount to be met out of the provision of Rs. 1,00,000 for the construction of valve-house cabins on all siphon heads, &c.

"2. That, under the terms of section 72 of the Municipal Act, the Standing Committee dispense with the invitation for tenders, which would otherwise be necessary, as the work is reported to be emergent and as advertising for tenders would involve delay without any corresponding advantage in the rates."

No. 11872. *Resolved*: "That, in the establishment sanctioned in the Budget for 1891-92, Loan Works, 44 Lakhs Sanitary Works Loan, 1, Drainage Section, house sullage Connections without privy fittings, the

pay of one Inspector be taken at Rs. 300 instead of Rs. 250 per mensem, and of one Accountant at Rs. 100 instead of Rs. 75 per mensem, to be met out of savings in the rest of the establishment. The work is to be carried out departmentally instead of by contract, as anticipated when the estimate of establishment was passed ; and there will be, in consequence, an increase in labour and responsibility entailed on the two officers concerned.

"That this resolution be submitted to the Corporation for sanction to the pay of the Inspector being increased to Rs. 300 per mensem accordingly."

The consideration of the following was postponed :—

Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report :—Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon. Memorandum No. 21724, dated 22nd December 1891, from the Commissioner thereon.

In accordance with notice, it was proposed by Abdalla M. Dharamsi, Esq.—

No. 11873. "That the Commissioner be requested to lay before the Committee at an early date proposals with a view to dispose of the Pawai pumps and engines."

The motion was seconded by the Hon'ble Mr. Javerilal U. Yajnik.

The Commissioner stated that he would report on the question by the end of February next.

The following return was read and *recorded* :—

Return of fires at Kazipura and Hornby Row, forwarded with the Commissioner's memorandum No. 24660, dated 19th January 1892.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 24th January 1892.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 25229, dated 26th instant, sanction be given, under section 172 of the Municipal Act, to the charging of special halalkhor tax, at the

No. 11875.

* *See* Appendix **E**. † *See* Appendix **C**.

rate of Rs. 57-3-2 per mensem, against H. H. the Maharaja Gaikwar, in respect of ward No. 2944 (2), Gowalia Tank Road, from 11th December last."

Read letter No. 25234, dated 26th January 1892, to the Secretary, as under :—

SIR,—I have the honor to report that on the representation of the Health Officer, that the city is now threatened with outbreaks of dangerous diseases, *viz.*, small-pox, measles, and influenza, and that special measures are necessary, I have, under section 434 of the Municipal Act, authorized the opening of the Municipal Hospital at Grant Road, and in applying to Government for sanction as required by that section, I have requested that this hospital and its equipment may be re-transferred to my charge. The Health Officer recommends that the Arthur Road Hospital should also be now opened, but I wish to postpone doing so for a time if possible. I have sanctioned the engagement of the following establishment, which is the same as that which was entertained when the Grant Road Hospital was last opened:—

| | | | |
|---|---|---|---|
| 1 | Medical Officer ... ... ... ... ... | Rs. | 150 |
| 1 | Apothecary ... ... ... ... ... | „ | 40 |
| 6 | Ward boys, at Rs. 10 each ... ... ... | „ | 60 |
| 2 | Ayahs at „ 12 „ ... ... ... | „ | 24 |
| 1 | Cook ... ... ... ... ... ... | „ | 11 |
| 2 | Halalkhors, at Rs. 11-8 each ... ... ... | „ | 23 |
| 2 | Ramoosces, at „ 11 „ ... ... ... | „ | 22 |

Advance of Rs. 500 for food, medicines and stores.—I have, &c.,
H. A. ACWORTH, Commissioner.

*Resolved* : " That letter No. 25234, dated 26th instant, from the Commissioner, be forwarded to the Corporation for information with reference to their resolution No. 2934, dated 15th June 1891."

No. 11876.

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BOMBAY, *3rd February* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq. L.M. & S.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 22nd and 27th ultimo, were signed.

The seal of the Corporation was affixed to deed of contracts (1) with Messrs. Bhedwar & Co. for the work of constructing the Superintendent's quarters and outhouses in the Victoria Gardens;

No. 12200.

(2) with Mr. Dhanjibhoy Framji for constructing sluice house on siphon No. 6 in connection with the Tansa Water Works; and (3) with Messrs. Framji & Jiwanji for the work of repairing the embankment of the Vehar main between Kurla and Sion.

No. 12201. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 25423, dated 28th ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Mahadu Gopal ... ... | Building at Fergusson Road." |

No. 12202. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 25846, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 12203. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 25432, dated 29th ultimo, and subject to the approval of the Corporation, sanction be given to the transfer of Rs. 1,229, from savings in section IV, lighting Markets and Slaughter Houses (cost of lighting other markets), to section 5, meat carriage (repairs to meat-vans), Health Department budget, to meet excess due to the large number of vans repaired and to be repaired up to the end of the current financial year."

No. 12204. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 25381, dated 28th ultimo, and subject to the approval of the Corporation, sanction be given to the transfer of Rs. 1,600, from savings in section II, coals, maintenance, Carnac Bunder Night-soil Pumping Station ; section III, A, miscellaneous drainage, repairing and altering miscellaneous drains and gutters, Executive Engineer's budget, to section IV, contingencies and stores, B, maintenance of Love Grove Pumping Station, to meet excess on the latter head owing to inadequate budget provision."

No. 12205. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 25392, dated 28th ultimo, sanction be given to the acceptance by him of the tender of Messrs. George Gahagan & Co., the lower of the two tenders received, for the supply of iron castings for the ensuing year at schedule rates."

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 25744, dated 2nd instant, sanction be given to the acceptance by him of the tender of Mr. Bhojabhai Alarakhia, the lowest of five tenders received, for the supply of hay, &c., during 1892-93 at the following rates :—

No. 12206.

| | In Bombay. | | | In Bandora. | | |
|---|---|---|---|---|---|---|
| Hay | ... Rs. 10 | per 1,000 lbs. | | ... Rs. 8-15 | per 1,000 lbs. | |
| Green grass | „ 5 | „ | | ... „ 4-4 | „ | |
| Rice straw | „ 7 | „ | | ... „ 6-14 | „ | |

"2. That sanction be also given to the acceptance of the tender of Mr. Khimji Valabdas, the lowest of three tenders received, for the supply of grain during 1892-93 at the following rates :—

| | | | | | |
|---|---|---|---|---|---|
| Urid ... | ... Rs. | 40 | 4 | 0 | per 1,000 lbs. |
| Gram | ... „ | 39 | 8 | 0 | „ |
| Bran ... | ... „ | 26 | 8 | 0 | „ |
| Barley | ... „ | 36 | 4 | 0 | „ |
| Mutra | ... „ | 27 | 4 | 0 | „ |
| Rice ... | ... „ | 41 | 4 | 0 | „ |
| Oil-cake | ... „ | 46 | 4 | 0 | „ |
| Salt ... | ... „ | 42 | 4 | 0 | „ |

"3. That, in these contracts it be stipulated that the contractors keep in hand a month's supply of qualities duly approved by the Health Officer."

Read letter No. 25857, dated this day, to the Secretary, as under :—

SIR,—I have the honour to request the approval of the Standing Committee to my accepting the tender of Mr. Ramjanbhai Babanbhai the lowest of 4 tenders received, for the supply of carts and bullocks during the year 1892-93 at the following rates :—

Single bullock with yoke-band, rope and one adult driver, at 9 annas per day. Pair of bullocks with yoke-band, rope and one adult driver, at 14 annas per day. Excess number of pair of bullocks over the maximum of 250 when the roads are not watered and over 350 when the roads are watered, at 14 annas per pair per day. Cart with a pair of bullocks, yoke-bands, ropes and one adult driver, at Re. 1-2-0 per day. Excess number of carts over the maximum of 250, at Re. 1-2-0 per day.

This contractor has at present 150 pairs of bullocks and 50 carts without bullocks of his own and he has offered to keep 200 pairs of bullocks and 100 carts with bullocks if he is given the contract for three years at the same rate. The rates are fair and if the Standing Committee approve the offer, sanction of the Corporation may be obtained, under section 67 (*b*) of the Municipal Act, to the proposal as it involves expenditure beyond the ensuing financial year.—I have, &c., H. A. ACWORTH.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 25857, dated this day, sanc-
No. 12207. tion be given to the acceptance by him of the tender of Mr. Ramjanbhai Babanbhai, the lowest of four tenders received, for the supply of carts and bullocks during 1892-93 at the following rates :—Single bullock with yoke-band, rope and one adult driver, at 9 annas per day ; pair of bullocks with yoke-band, rope and one adult driver, at 14 annas a day ; excess number of pairs of bullocks over the maximum of 250 when the roads are not watered and over 350 when the roads are watered, at 14 annas per pair per day. Cart with a pair of bullocks, yoke-bands, ropes and one adult driver, at Re. 1-2-0 per day ; excess number of carts, over the maximum of 250, at Re. 1-2-0 per day.

"That the Corporation be recommended to sanction this contract being entered into for a period of three years from 1st March 1892."

The Chairman intimated that he would give notice of intention to move at the February meeting of the Corporation that sanction be given to the contract for three years accordingly.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 25544, dated 30th ultimo,
No. 12208. sanction be given to an agreement being entered into with one Mr. Syed Amoor, for the performance of masonry and other piece work, such as laying of pipes, constructing chambers, &c., in connection with the carrying out of the work for the first drainage section at schedule rates.

"That, under section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders which would otherwise be necessary, as the work which is being done departmentally is urgent, and the piece work will not be of such extent as to necessitate the calling for tenders."

Read letter No. 25376, dated 28th ultimo, to the Secretary, as under :—

SIR,—With reference to last para. of this office No. 22011, dated 28th ultimo, I have the honor to forward copy of estimate amounting to Rs. 20,852 for laying branch pipe sewers in the village of Parel and request the Standing Committee to recommend the Corporation to sanction the execution of this important work out of savings referred to in the penultimate para. of the above letter.

The Executive Engineer reports that the levels and other details necessary to prepare this estimate were found on the records of his office, and that the Rs. 300 sanctioned for the survey of the village will therefore not be required.

I append for record, copies of the estimates for the sewerage of Parel and for arching the main drain at Arthur Road crossing. The Corporation will observe that the latter is, as I anticipated, within the sanctioned amount of Rs. 18,000.—I have, &c., H. A. ACWORTH, Commissioner.

No. 2209. *Resolved* : "That the following be forwarded to the Corporation with reference to their resolution No. 11358, dated 14th January 1892 :—Letter, No. 25376, dated 28th ultimo, from the Commissioner.

"2. That the Corporation be recommended to sanction the estimate of Rs. 20,852, for laying branch pipe sewers in the village of Parel, the amount to be met out of the balance of the savings under Drainage and Sanitary Works Loan referred to in the Commissioner's letter No. 22011, dated 28th December 1891."

The Chairman intimated that he would give the requisite notice for the consideration of this item at the February meeting of the Corporation.

No. 12210. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 25316, dated 27th ultimo, sanction be given to the payment of Rs. 25 as charge allowance to the Garden Foreman, Victoria Gardens, while acting for the Superintendent of Gardens on privilege leave for one month. The amount to be met out of savings in the establishment grant, section I, Victoria Gardens.

No. 12211. *Resolved* : "That, as recommended by the Commissioner, in his memorandum No. 25553, dated 30th ultimo, sanction be given, under section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Hirji & Raoji, contractors of the Pawai Dam Works, whereby their deposit for the execution of the said work may be returned to them now."

Considered the following :—Resolution of the Corporation, No. 8071, dated 26th October 1891, on the subject of certain information being embodied in the Annual Administration Report. Letter No. 17223, dated 26th October 1891, and memorandum No. 18415, dated 10th November 1891, from the Acting Commissioner thereon. Memorandum No. 21724, dated 22nd December 1891, from the Commissioner thereon.

Proposed by Colonel Merewether, seconded by Colonel Wilson—

"That it is not desirable to append the statement referred to in the following para. 1 of the Corporation's resolution No. 8071, dated 26th October 1891 :— No. 12212.

"*Para* 1.—That a statement showing the *net* revenue and expenditure of the Municipality be appended to the Annual Report in future, embracing (1) the results of the outgoings and receipts for the year under report, and (2) of the two years immediately preceding."

*Lost*, the votes being 5 *for* and 6 *against*.

On the motion of the Hon'ble Mr. Javerilal U. Yajnik, it was agreed, by 6 votes *against* 1, that the statement in question be appended to the Annual Report, but that the figures be for the year under report and one year preceding only.

"*Para* 2.—That all interest on balances of loans unutilised, but either deposited with the Bank or invested in Government securities, should be credited to the loan accounts to which it may respectively appertain, and that similarly all profits realised on investments held against loans, be credited to the loans accounts to which they properly belong.

"*Para* 3.—That, in the Financial Statement of Revenue, arrears of consolidated rates and wheel tax on account of past years, be shewn separately from the collections under those heads for the year under report.

"*Para* 4.—That the estimates of Workshops receipts and expenditure be omitted from the annual budget ; but that the net gain or loss on the operations of the Workshops be shown in the statement of revenue and expenditure separately ; and that, meanwhile, explanation be asked and obtained from the Superintendent of the Workshops, for the information of the Corporation, with regard to the loss of Rs. 4,072-7-2 referred to in the Auditor's Report (para. 115)."

It was agreed, without division, that the above details are unnecessary.

"*Para* 5.—That, having regard to the injurious practice of carrying over lapsed grants from year to year, in cases where there is no immediate reason to resuscitate such

grants and to the remarks thereon by the Auditors (paras. 155 and 156), due care be taken at the time of the preparation of the annual budget, that the expenditure side be not thus needlessly exaggerated, and that, as recommended by the Auditors, grants should not be renewed for more than one year following that on which it was made (para. 155)."

It was agreed that the proposal made in this para. by the Auditors are impracticable, and that no change need be made in the existing arrangement.

"*Para* 6.—That discretional contingencies should not be of a character which would ordinarily be covered by a budget or supplementary grant or budget transfer sanctioned by the Corporation ; and that meanwhile explanation should be obtained as to the following items* referred to in the Auditor's report under the head of discretional contingencies."

The Commissioner's explanation in regard to this para. was considered satisfactory, and it was agreed that the proposed action is unnecessary.

"*Para* 7.—That the Auditors should be asked to report to the Standing Committee all arrears which may remain unpaid for private work done at the Municipal Workshops for more than three months; also all discretional contingencies paid from Municipal funds regularly during each quarter."

It was agreed that the explanation given by the Commissioner, in his memorandum No. 21724, dated 22nd December 1891, shows that this proposal is quite unnecessary.

"*Para* 8.—That provision be made in the annual budget for depreciation of Municipal property, immovable and movable, and that the amount so set apart be carried to the credit of an account to be called 'Depreciation of Municipal Property.'"

It was agreed that, as practically, the provision referred to is already made, that no change in the system is necessary.

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| | Rs. | a. | p. |
|---|---|---|---|
| * N. M. Petit .. ... ... ... ... ... ... | 800 | 0 | 0 |
| Purshotum Shrikrishna ... ... ... ... ... | 87 | 0 | 0 |
| Municipal Solicitors .. ... ... ... ... ... | 301 | 0 | 0 |
| Do. ... ... ... ... ... ... | 220 | 7 | 6 |
| Municipal Workshop ... ... ... ... ... ... | 161 | 6 | 6 |
| Victoria Gardens ... ... ... ... ... ... | 215 | 4 | 9 |
| Do. ... ... ... ... ... ... | 501 | 7 | 0 |
| Do. ... ... ... ... ... ... | 1,105 | 0 | 11 |

"*Para* 9.—That a statement of all law charges paid out of Municipal funds be appended to the Annual Report."

It was agreed that it would be inexpedient to publish these details, all of which are, however, open to the Standing Committee, and, like all other charges, are audited by the Auditors and the Standing Committee.

"*Para* 10.—That all unhealthy competition with regard to the annual sale of stalls in the different Municipal Markets should be discouraged, entailing, as they indirectly do, an additional burden of taxation on consumers."

It was agreed that there is no unhealthy competition in regard to these sales.

"*Para* 11.—That the statements of loans appended to the Chief Accountant's Annual Report should give the dates when the several loans were respectively sanctioned and raised.

"*Para* 12.—That the statements of loan works appended to the Engineer's Annual Report should state the dates when the works were commenced and completed, as well as the total amount which may have been sanctioned for, and the total amount expended on, each kind of work; and, further, that the statement of works given by contract should be accompanied by the amounts of each such contract."

In regard to these paras, it was agreed that the following suggestions of the Chief Accountant may be adopted :—

"(11).—There is no objection to give the dates, if one or two; but when they are many, as in the case of the 44 lakhs loan and one of the Tansa instalments, in which cases the dates were respectively 59 and 14, perhaps it would meet all requirements if we stated that the loans were raised between such and such dates, giving the first and the last dates of the raising of such loans. 12.—There is no objection, so far as I can see, to the Engineer's Department furnishing in their report the additional information equired."

"*Para* 13.—That the list of accidents on the public roads should distinctly show the number of accidents caused by the cars of the Bombay Tramway Company."

In the opinion of the Standing Committee, the question of these accidents is not one which the Corporation are responsible for, and no action should be taken on the proposal.

"*Para* 14.—That a copy of the report of all boards, institutions, establishments, hospitals and asylums to which the Municipality contributes should be appended to the Annual Report, such as the report of the Victoria Technical Institute, Gokuldas Tejpal Hospital, the City Police, the Leper Asylum, and so forth."

This proposal, if carried out, would involve heavy additional and unnecessary expense, and, moreover, would in some respects be *ultra vires* of the Corporation.

No. 12213. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 25629, dated 1st instant, sanction be given to a notice being served, under section 381 of the Municipal Act, calling upon Mr. Guka Huka Marwadi, to fill up the land owned by him at Haines Road, with clean sweet earth, so that the ground may have in every part down to Haines Road a slope of at least 1 in 500 and that the level of the highest part may be 88·40 T. H. D."

No. 12214. *Resolved*: "That the following be forwarded to the Commissioner for disposal ; and that the applicants be informed accordingly :—Letter, dated 15th ultimo, from residents of Matharpakady, requesting that a lamp be put near the well in the lane leading to Matharpakady Road."

No. 12215. *Resolved* : "That the consideration of letter, dated 24th December last, from Mr. Saishia R. Naidoo, be postponed until a further communication on the subject is received from the Commissioner."

No. 12216. *Resolved* : "That the following be *recorded* :—Memorandum No. 25426, dated 29th ultimo, from the Commissioner, forwarding a statement shewing that no houses or portions of houses fell during the month of December 1891."

No. 12217. *Resolved* : "That the following be *recorded* :—Memoranda Nos. 25109 and 25110, dated 25th ultimo, from the Commissioner, reporting, with reference to the resolutions of the Standing Committee, Nos. 5620 and 4484, dated 9th January 1889 and 3rd October 1888, the transfer of Rs. 54,000, (1) of Rs. 4,000, from the 5 per cent. Municipal Loans Sinking Fund Cash deposit account, to the 35 Lakhs Various Sanitary Works Loan Cash deposit

account, on 19th ultimo; and (2) of Rs. 50,000, from the Municipal Building Fund deposit account, to the Municipal General Fund pass book, on 21st idem."*

The following return was read and *recorded* :—

Return of fires at Chinchpokli (Kaisar-i-Hind Mill), Esplanade Road and Suparibag Road (Parell), forwarded with the Commissioner's memorandum No. 25138, dated 25th January 1892.†

The following statement‡ was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 31st January 1892.

No. 12219. *Resolved* : "That, as applied for by the Commissioner in his letter No. 25811, dated 2nd instant, sanction be given to the acceptance by him of the tender of Messrs. Tukaram Ramji & Co., the lowest of the five tenders received, for the supply of sand-stone, sea-sand, &c., during 1892-93, at the following rates :—

| | | | | | | |
|---|---|---|---|---|---|---|
| Sand-stone | ... | ... | Rs. | 6 | 10 | 0 Per brass. |
| Sea-sand | ... | ... | „ | 8 | 0 | 0 „ |
| Shingle | ... | ... | „ | 15 | 0 | 0 „ |
| Shells | ... | ... | „ | 15 | 0 | 0 „ |
| Thana sand | ... | ... | „ | 9 | 0 | 0 „ |

No. 12220. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 25825, dated this day, sanction be given to the work of covering with corrugated iron roof the portion of the conduit of the Tansa Water Works, known as the filter bed portion and situated in the village of Vandra being entrusted to Messrs. Richardson & Cruddas at the rate of Rs. 650 per 100 lineal feet. The amount to be debited to the provision of Rs. 1,00,000, included in the final revised estimates of the Tansa Works.

"That, under section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders which would otherwise be necessary, as the work is reported to be urgent, and Messrs. Richardson & Cruddas have carried out satisfactorily similar works, and as advertising for tenders would involve delay without corresponding advantage in rates."

* The balances remaining to the credit (1) of the 5 per cent. Municipal Loan Sinking Fund Cash deposit account and (2) of the Building Fund, after effecting the above transfers, are Rs. 853-13-9 and Rs. 76,580-3-6, respectively.

† *See* Appendix E. ‡ *See* Appendix C.

BOMBAY, 10*th February* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chirman.*
ABDALLA M. DHARAMSI, Esq., B.A., LL.B. ; COWASJEE HORMUSJEE, Esq., G.G.M.C. ; THE HON'BLE MR. FAZULBHOY VISRAM ; HURKISONDAS NURROTUMDAS, Esq. ; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK ; KAIKHOSRO N. KABRAJI, Esq. ; K. M. SHROFF, Esq. ; COLONEL G. L. C. MEREWETHER, R.E. ; MULJI BHAWANIDAS BARBHAYA, Esq. ; A. G. VIEGAS, Esq., L.M. & S. ; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner ; and the SECRETARY.

The minutes of the meeting held on the 3rd instant, were signed.

The seal of the Corporation was affixed to 20 consolidated debentures of the Tansa Water Works Loan, Nos. 24401 to 25400, of Rs. 25,000 each ; 21 do., Nos. 25401-26240, of Rs. 20,000 each ; 35 do., Nos. 26241-27290, of Rs. 15,000 each ; 50 do., Nos. 27291-28290, of Rs. 10,000 each ; 20 do., Nos. 28291-28490, of Rs. 5,000 each.

No. 12571. *Resolved* : "That, as applied for by the Commissioner, in his memoranda No. 26034, dated 5th instant, and Nos. 26376 and 26377, dated this day, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Bastio DeSouza ... ... | ... Nos. 57-61, DeLima Street. |
| Bai Kasibai Gaekwadin ... ... | ... Building at Khetwadi Back Road. |
| Hadji Husein Hadji Ahmed ... | ... Building at Worli Road near Love Grove Pumping Station." |

No. 12572. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 26419, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 12573. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 25938, dated 4th instant, the Corporation be recommended to sanction the expenditure of Rs. 328, from surplus cash balance, to meet the cost of certain alterations in the Paidhoni Police Station."*

* The state of the surplus cash balance is as follows :—Reserved for probable extra grants up to end of current financial year Rs. 79,703. Grants sanctioned Rs. 13,911-4-5. Amount recommended for sanction Rs. 16,656-1-7. Balance available Rs. 49,135-10-0.

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 26201, dated 8th instant, and subject to the approval of the Corporation, under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 1,700, from savings in section 3 A, miscellaneous drainage, repairing and altering miscellaneous drains and gutters, Executive Engineer's budget, to section 2, stores, A, miscellaneous drainage, to meet excess on the latter head, owing to inadequate budget provision."

No. 12574.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 26207, dated 8th instant, sanction be given to the payment of Rs. 47-15-3, as compassionate allowance to the widow of the late Raj Mahomed Sheik Rahiman, peon in the Health Department, a contributor to the Pension Fund, who served the Municipality for 5 years, 2 months and 29 days. The amount to be met from the grant for pensions and gratuities for the current year."

No. 12575.

*Resolved*: "That the following be forwarded to the Commissioner for disposal :—Petition from Mr. Francis Valladares and others, praying for the immediate removal of firewood depôt occupied by one Jan Mahomed Noor Mahomed at Matharpacady ; and that the applicants be informed accordingly."

No. 12576.

*Resolved*: "That the following be *recorded*:—Memorandum No. 25727, dated 2nd instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000, from the Municipal Building Fund deposit account, to the Municipal General Fund pass book, on 25th ultimo."*

No. 12577.

*Resolved*: "That the following be *recorded*:—Memorandum No. 26112, dated 6th instant, from the Commissioner, forwarding analyses of water delivered in the city as under:—

No. 12578.

*Sample of unfiltered Vehar water obtained from the settling basin of the Bhandarwada Hill Reservoir, on 2nd February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·03 |
| Albumenoid Ammonia | ·13 |

* The balance now standing to the credit of the Building Fund amounts to Rs. 26,580-3-6.

*Sample of unfiltered Tulsi water obtained from the inlet well of the Malabar Hill Reservoir, on 2nd February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·05 |
| Albumenoid Ammonia | ·14 |

*Sample of filtered Tulsi water obtained from the distributing Tank of the Malabar Hill Reservoir on 2nd February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·01 |
| Albumenoid Ammonia | ·11 |

*Sample of unfiltered Pawai water obtained from the lake near Outlet tower on 3rd February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·08 |
| Albumenoid Ammonia | ·21" |

The following return was read and *recorded* :—

Return of fires at Malabar Hill, Stone Bunder, DeLisle Road, Duncan Road and Mody Bunder, forwarded with the Commissioner's memorandum No. 26021, dated 5th February 1892.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 7th February 1892.

No. 12580. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 26219, dated 8th instant, sanction be given to the acceptance by him of the tender of Mr. Hussonally Abdoolaly, the lower of two tenders received, for the supply of stationery during 1892-93 at schedule rates."

No. 12581. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 26218, dated 8th instant, sanction be given to the acceptance by him of the tender of Mr. Moosabhai Adamji, the lower of the two tenders received, for the supply of drawing materials during 1892-93 at schedule rates."

No. 12582. *Resolved* : " That, as applied for by the Commissioner, in his letter No. 26317, dated 9th instant, sanction be given to his entrusting the work of laying stone kerbing and water tables for certain foot-paths, to Mr. Sittaram Luxmon, in continuation of his contract and at the same rates, *viz.*, blue stone kerbing at Rs. 50 per 100 running feet and blue stone water tables at Rs. 59 per 100 running feet ; that sanction be given to the variation of the

* *See* Appendix **E**. † *See* Appendix **C**.

terms of the contract, so as to provide that the slabs be from 11″ to 12″×15″ instead of 12″×18″; that the contractor be allowed to use up such of the excavated materials as can be put in; and that he be not made to keep pace with the laying down of the pavement."

No. 12583. *Resolved*: "That the following be *recorded* :—Letter No. 26423, dated this day, from the Commissioner, reporting that he has arranged with Messrs. Killick, Nixon & Co. for the supply of 154 tons of Davison's West Hartley coal, at the Love Grove Pumping Station, at Rs. 15-4 per ton *plus* Re. 1-4, for cartage."

No. 12584. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 26416, dated this day, sanction be given, under section 28 (*a*) of the Municipal Act, to the payment of allowances to polling officers, clerks, and peons engaged in the Municipal Elections held on 25th ultimo, as per statement submitted, amounting to Rs. 851-2-0. The amount to be debited to the grant for elections, current year's budget."

Considered the following :—Memorandum No. 26318, dated 9th instant, to the Secretary, as under :—

*Memorandum.*—The accompanying report from the Deputy Executive Engineer, Water Works, is forwarded to the Standing Committee. The Commissioner has nothing to add to what the Engineer has laid before the Corporation. The whole question lies in a nutshell. Is quantity to be sacrificed to pressure? The Commissioner apprehends that there can be no answer to this question but a negative; but as Tansa water will be supplied in the course of two months, he hopes that by that time it will no longer be necessary to consider it. H. A. ACWORTH.

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No. 6327 of 1891-2.

BOMBAY, *8th February* 1892.

To H. A. ACWORTH, ESQ., C.S., *Municipal Commissioner.*

SIR,—I have the honor to report on the petition forwarded under your No. 19594 of the 24th November last. I had intended to combine in one report this and the information called for by a Resolution of the Corporation, but the latter cannot yet be furnished. 2. The petition purports to be from "we, the inhabitants of Bhooleshwar Ward," 654 signatures are attached, but no addresses are given, and in consequence I have not been able to inquire why the complaints are made, nor whence they come. 3. "We, the inhabitants of Bhooleshwar Ward," at the Census of 1881 numbered 204,267 persons, of whom 63,237 were in the Tulsi District,

now on the intermittent supply petitioned for. It is evident, therefore, that this petition can only at most affect 70 per cent. of the population in Bhooleshwar Ward. The petition proposes to withdraw a portion of the supply from the ground and first and second floors, on which reside about 85 per cent. of the 70,000 persons living in the Vehar portion of the Bhooleshwar District. Withdrawal of the supply on the ground floor leaves, be it noted, no alternative supply to the numerous four-footed beasts which have not yet learned to live on upper floors. 5. I append tables showing that from 1886 to 1891 the number of connections increased 22 per cent. and the revenue yearly 70 per cent., from Rs. 6,65,000 to Rs. 10,80,000 (exclusive of Municipal properties). Granting for the moment that the system in vogue in 1886 gave satisfaction, do not the two facts just stated taken into account with the third, that the supply mains from Vehar and Tulsi are the same as in 1886, show that we are now in such a different set of circumstances, that what would give satisfaction then would not now? 6. Since 1886 the length of mains in the city has increased by 28 miles, nearly 25 per cent. of the total length of the distributing system. 7. But I append extracts from Corporation Proceedings previous to 1886, which show that the system then in vogue did not give satisfaction.—*vide* speeches of Dr. Blaney, Mr. G. Geary, Dr. DeSouza, Mr. Nowroji Furdoonji, Mr. Gostling, Mr. Bomanji P. Master, Mr. Thorburn, the Municipal Commissioner, Khan Bahadur M. C. Murzban and Mr. K. S. Shroff, and it was under that system that the Corporation came to the conclusion that the water-supply must be increased, even if it cost 1½ crores of rupees to do it. 8. But the absolute decrease from 284 complaints in the Vehar District in 1884-85 under the intermittent system to 104, 92, 99, 91 and 101 in succeeding years under the constant system is surely a fair test of the superior efficiency of the present system as compared with its predecessor, also noting that the 180,000 people under the Tulsi intermittent system furnish as many complaints as the 650,000 in the Vehar districts. 9. That argument is surely clenched by the fact that in 1890-91 the complaints rose to 176, when the old system was reverted to in order to filter the Pawai water at Bhundarwada. In that year 104 complaints were received in the monsoon months of July to November (intermittent supply) and only 72 in the seven dry weather months under constant supply. 10. The present supply is utterly inadequate under any system whatever to supply the demand in Bombay, but the present system draws at least two millions of gallons more daily from the lakes than the old system. 11. It has been everywhere recognized by law that the first duty is to supply water, the next to supply it of good quality, the third constantly, and the fourth place is given to high pressure, for which in some places an extra charge is levied, *e.g.*, in London. 12. I cannot value the readiness for dealing with fires at that put upon it in the petition, nor do the public value it at the petition value, especially when the valuation is arrived at by the negative process of want of water at a fire. The

number of calls in 1889-90 was 88, but we cannot say how many incipient fires were extinguished by the fact of one chatiful being immediately available on the ground floor, if not on other floors. 13. The minimum supply given in the Vehar District is that of the 24" main running full bore. The pipes are always full, and if the pressure is low, it is because the demand is so great that the supply mains delivering from the lakes cannot equal the demand. 14. The tables appended give the figures in detail upon which the above statements are based. No one knows so well, nor regrets so much, the loss and inconvenience caused by the present insufficient supply as the Water Works Engineer and his subordinates, but the root of the evil is the deficient quantity, not a defective system of distribution in the Vehar District.—I have, &c., S. TOMLINSON.

*Resolved*: "That the consideration of memorandum No. 26318, dated 9th instant, from the Commissioner, and accompaniments regarding the water-supply to Bhooleshwar, be postponed until next meeting, and that, in the meanwhile, the papers be printed on the minutes of this day's meeting."

No. 12585.

Considered the list of 'Outstanding Business' (1st February 1892).

No. 12586.

Petition, dated 9th November 1891, addressed to the Corporation by inhabitants of Bhooleshwar Ward, complaining of the scarcity of water-supply thereat. Referred to the Acting Commissioner for report (18th November 1891).

*Struck out*, the report having been presented and being under consideration.

Letter, dated 30th November 1891, from Saraswatibai, wife of Mr. Gunpatrao Pandurung, on the subject of the rebuilding of her house at Cavel. Referred to the Commissioner for investigation (9th December 1891).

*Struck out*, as a Committee of the Corporation has reported on the question, and as another point connected therewith will be separately reported on by the Commissioner.

Read letter No. 26049A, dated 5th instant, to the Secretary, as under :—

SIR,—With reference to the Resolution of the Standing Committee No. 10840, dated 6th ultimo, forwarding amended pension rules for the approval of the Corporation, I have the honor to request that the second para of the note to rule VI. at page 7 of the Sub-Committee's report may be amended by striking out

the words "in calculating the gratuity under rule VI. (*d*)" in the first line and adding the word "and," and in lieu thereof. This was merely a clerical mistake.—I have, H. A. ACWORTH, Commissioner.

*Resolved*: "That the modifications suggested in letter No. 26049A, dated 5th instant, from the Commissioner, to the Secretary, be made in the pension rules now before the Corporation."

No. 12586A.

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BOMBAY, 17*th February* 1892.

AT the meeting of the Standing Committee held this day, there were present:

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.
ABDALLA M. DHARAMSI, Esq., B.A. LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.
The SECRETARY.

The signing of the minutes of the meeting held on the 10th instant, was postponed.

The seal of the Corporation was affixed to deed of contract with Messrs. Richardson & Cruddas for the construction and completion of the engine-house, supplying and fixing pumps and boiler, fire service and other works in connection with the new Municipal Offices.

No. 12781.

The seal was also affixed (1) to 10 attested duplicate debentures of the Municipal Loan of 1878, of Rs. 500 each, Nos. 3487 to 3496, both inclusive, and (2) to 100 debentures of the Tansa Water Works Loan, of Rs. 2,000 each, Nos. 28491-4 to 28887-90, both inclusive.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26693, dated 13th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission:—

No. 12782.

| Name of Owner. | Where. |
|---|---|
| Mr. Soondraji Kaloo ... | ... Building at Sewree (New) Road." |

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26920, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 12783.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 26749, dated 13th instant, sanction be given to the acceptance by him of

No. 12784.

the tender of Mr. Amrita Babaji, the lowest of eight tenders received, for the supply of road metal during 1892-93 at Rs. 5-2-0 per brass."

*Resolved* : "That, as applied for by the Commissioner in his letter No. 26962, dated this day, sanction be given to the acceptance by him of the tender of Messrs. Adamji Abdulally & Co., the lowest of four tenders received, for the supply of timber during 1892-93 at schedule rates."

No. 12785.

It was agreed that the consideration of the following be postponed till next week, and that in the meantime the Commissioner be requested to furnish the Committee with details of the expenditure which he proposes should be incurred :—

No. 12786.

Resolution of the Corporation, No. 12731, dated 11th instant, as under :—"That the President be requested to beg H. E. the Governor to ask H. E. the Viceroy to do the City the honour of consenting to open the Tansa Water Works in person, and that the Standing Committee be asked to recommend a suitable grant for carrying out the ceremonial in connexion therewith."

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 26687, dated 13th instant, and subject to the approval of the Corporation under section 133 of the Municipal Act, sanction be given to the transfer of Rs. 15,200, from savings in Tansa Water Works contingencies to Tansa Water pipes, special castings, &c., to meet excess on the latter head, as the total amounts for pipes, &c., were not known with accuracy until the final statement showing quantities delivered at the several depôts (under different dates) had been prepared."

No. 12787.

*Resolved* : "That, as applied for by the Commissioner in his memorandum No. 26620, dated 12th instant, sanction be given to the transfer of Rs. 101-15-4, from savings in the Public Health Department budget, Conservancy Branch, I, Superintendence and Inspection, to same budget, new works, privy accommodation for staff, Bori Bunder stable, to meet excess on the latter head, due to the circumstances that the estimate for the latrine was not taken out in detail, but was entered at a lump sum ; and that no allowance was made for the removal of surplus excavated material. That the Stand-

No. 12788.

ing Committee regrets that more care was not taken in the preparation of the estimates."

No. 12789. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 25915, dated 4th instant, sanction be given to the transfer of Rs. 410-10-5, from savings in section I, Superintendence and Inspection, Conservancy Branch, Public Health Department budget, to section I, Superior Staff, Property and Wheel-tax Establishment, Assessment and Collection Department, to meet cost of acting arrangements during the absence of the 2nd Assistant Assessor on privilege leave for 80 days."

No. 12790. *Resolved* : "That, as recommended by the Commissioner, in his letter No. 26568, dated 11th instant, and in lieu of the resolution of the Committee, No. 1789, dated 13th May last, sanctioning the filing of a suit against Bai Amabai for the recovery of Rs. 321-10-6, including interest and cost of instituting the suit, on account of expenses incurred by the Municipality in making a drainage connection to her property in Bengalpura, sanction be now given, under section 517 (*j*) of the Municipal Act, to the Commissioner's accepting the sum of Rs. 300 from Bai Amabai in settlement of the amount due by her."

No. 12791. *Resolved* : "That the following be *recorded* :—Letter No. 26639, dated 12th instant, from the Commissioner, reporting that for certain curves of less than 1,000 feet radius on siphon No. 6 near the Bassein Creek, the Executive Engineer, Tansa Works, found it advisable to have the pipes cut to a bevel, and to cut 55 pipes. The work was entrusted to Messrs. Macfarlane, Strang & Co., at the rate of Rs. 45 per pipe, and the cost was debited to contingencies for the works."

No. 12792. *Resolved* : "That, as applied for by the Commissioner in his letter No. 26726, dated 13th instant, the Committee approve of his giving permission to two tin-men to use two standings in the Arthur Crawford Markets (marked *AA* and *BB*) for the unexpired portion of the current quarter at the rate of Rs. 3 per quarter."

No. 12793. *Resolved* : "That, as applied for by the Commissioner in his letter No. 26641, dated 12th instant, sanction be given, under section 92 (*b*) of the Municipal Act, to his leasing to the Commissioner of Police the following pieces of Municipal ground as sites for

police chowkies, on sufferance for one year, and to be removable at three months' notice."

| No. as per plan. | Names of Roads. | Rent to be charged at 5 per cent on the value of ground per annum. | REMARKS. |
|---|---|---|---|
| | | Rs. | |
| 1 | Marine Street near Town Hall and Custom House ... ... ... ... ... ... | 149·44 | |
| 2 | Colaba Road ... ... ... ... ... | 2·53 | |
| 3A | Queen's Road near Marine Street ... ... | 6·32 | |
| 3 | Queen's Road ... ... ... ... ... | 4·86 | |
| 4 | Carnac Road and Market Road ... ... | 158·65 | |
| 5 | Chinch Bunder Road near Elphinstone Overbridge ... ... ... ... ... ... | 11·38 | |
| 6 | Queen's Road ... ... ... ... ... | 4·86 | |
| 7 | Pedder Road ... ... ... ... ... | 1·77 | |
| 8 | Pedder Road near Altamont and Gowalia Tank Roads ... ... ... ... ... | 1·77 | |
| 10 | DeLisle Road and Haines Road ... ... | 1·26 | |
| 11 | Bellasis Road ... ... ... ... ... | 3·79 | |
| 12 | Wari Bunder Road and Belvedere Road ... | 1·26 | |
| 13 | Grant Road near the two tanks... ... ... | 2·13 | |
| 14 | Falkland Road and Foras Road ... ... | 26·36 | |
| 15 | Near the junction of Mount Road, Mazagon and Dockyard Roads ... ... ... ... | 14·29 | |
| 16 | Sankli Street and Haines Road ... ... | 35·98 | |
| 17 | Lady Jamsetjee Road, Portuguese Church Street and Dadar Road ... ... ... | 1·19 | |
| 18 | Lady Jamsetjee Road ... ... ... ... | ·30 | |
| 19 | Lady Jamsetjee Road near Mahim Bazar Cross Road ... ... ... ... ... | ·59 | |
| 20 | Custom Road near the junction of Lady Jamsetjee Road ... ... ... ... | 1·48 | |
| 21 | Cleveland and Warli Roads ... ... .. | 4·09 | |
| 22 | Near the junction of Warli, Fergusson, Haines and Mahaluxmi Roads ... .. | ·44 | |
| 23 | DeLisle Road and Carroll Road ... ... | 4·26 | |
| 24 | Near Arthur Road and DeLisle Road ... | 2·20 | |

No. 12794. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26268, dated 9th instant, and in lieu of the resolution of the Committee, No. 7202, dated 22nd October 1890 (sanctioning stallage fee of Rs. 21 per quarter for stall No. 127, Arthur Crawford Fruit and Vegetable Market), sanction be now given to the right of occupancy of the stall being sold for Rs. 25 per quarter for the unexpired portion of the current quarter."

No. 12795. *Resolved*: "That the following be *recorded*:—Letter No. 26738, dated 13th instant, from the Commissioner, reporting that he has sold the right of cutting grass, taking mangoes, &c., from the Municipal ground in Salsette, as per list submitted to Mr. Nur Mahomed Maghji for Rs. 1,350 for year 1892.*

* The amount realised last year was Rs. 1,157.

Proposed by Colonel Merewether, seconded by Mulji Bhawanidas Barbhaya, Esq.—

"That, as applied for by the Commissioner in his letter No. 26838, dated 16th instant, sanction be given, under sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Bai Motlibai, widow of Maneckji Navroji Wadia, for the recovery of Rs. 8,874-13-1, being the amount of bills due for property taxes as per list submitted."

*Amendment*, proposed by Kaikhoshro N. Kabraji, Esq., seconded by K. M. Shroff, Esq.—

No. 12796. "That the consideration of this item be postponed till next week."

On a division the amendment was *carried*, the votes being 6 *for* and 4 *against*.

No. 12797. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26283, dated 15th instant, sanction be given, under section 230 of the Municipal Act, to an order in writing being given to Mr. Venku Baluji, authorising him to carry a drain for his premises at De Lisle Road, into, through or under the ground belonging to, or alleged to belong to, one Hariram Dewji, to the Municipal sewer thereat."

No. 12797A. *Resolved*: "That the further consideration of the following be postponed till next week:—Memorandum No. 26318, dated 9th instant, from the Commissioner, on the subject of water supply to residents of Bhuleshwar."

No. 12798. *Resolved*: "That the following be *recorded*:—Memorandum No. 26375, dated 10th instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 1,52,977-9-5, *viz.*, (1) of Rs. 25,000 from the Municipal Building Fund deposit account to the Municipal General Fund pass book on 1st instant; (2) of Rs. 1,580-3-6 from ditto to ditto on 3rd idem; (3) of Rs. 998-12-0 from the Surplus Cash deposit account to ditto on ditto; (4) of Rs. 24,430-5-11 from the 35 Lakhs Various Sanitary Works Loan deposit account to ditto on ditto; (5) of Rs. 593-4-0 from the 44 Lakhs Sanitary Works Loan deposit account to ditto on ditto; (6) of Rs. 375 from the Miscellaneous Works Loan of Rs. 10,08,500 deposit account to ditto on ditto; (7) of Rs. 50,000 from

the 12 Lakhs Drainage and Water Works Loan deposit account to ditto on 4th idem; and (8) of Rs. 50,000 from ditto to ditto on 6th idem."*

It was agreed that the following be circulated and brought on for consideration at a future meeting :—Letter, dated 12th instant, from Mr. Framji Aderji, on the subject of his drainage scheme.

No. 12799.

Considered the following :—Resolution of the Corporation. No. 12732, dated 11th instant, as under :—

"That, with reference to the resolution of the Standing Committee, No. 10839, dated the 6th of January 1892, the Standing Committee be requested to receive and send up to the Corporation the minutes of the members who dissented from the report of the Standing Committee."

Proposed by Colonel Merewether, seconded by Colonel Wilson—

"That the Corporation be informed with reference to its resolution No. 12732, that the resolution No. 10839 of the Standing Committee was passed without dissent as to its form until after it was disposed of, that the Standing Committee has therefore no dissents to forward. The matter is closed and to undo what has been done, would be contrary to proper procedure."

No 12800.

*Carried*, the votes being 7 *for* and 4 *against*.

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 14th February 1892.

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BOMBAY, 24*th February* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*.

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the ACTING EXECUTIVE ENGINEER; the ACTING DEPUTY EXECUTIVE ENGINEER, Drainage; the CHIEF ACCOUNTANT; the REVENUE AND REFUND AUDIT OFFICER; and the SECRETARY.

The minutes of the meeting held on the 10th and 17th instant, were signed.

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* The balance remaining to the credit of the above funds, after effecting the above transfers, are : (1) *nil*; (2) Rs. 2,81,800-4 (Rs. 2,377 in cash and Rs. 2,79,423-4-0 in 4 per cent. Government Paper for Rs. 2,69,600); (3) Rs. 16,76,348-9-0 (Rs. 21,513-1-0 in cash and Rs. 16,54,835-8-0 in 4 per cent. Government Paper for Rs. 16,04,100); (4) Rs. 6,58,047-8-4 (Rs. 2,498-14-0 in cash and Rs. 6,55,548-10-4 in 4 per cent. Government Paper for Rs. 6,70,000); (5) Rs. 1,01,622-8-0 (Rs. 1,997-8-0 in cash and Rs. 99,625 in Government paper for Rs. 1,00,000); (6) Rs. 4,87,673-5-11 (Rs. 2,33,629-9-11 in cash and Rs. 2,54,043-12-0 in 4 per cent. Government Paper for Rs. 2,55,000.)

*See* Appendix C.

No. 13142. The seal of the Corporation was affixed to deed of contract with Messrs. Geo. Gahagan & Co. for the supply of iron castings during 1892-93.

The seal of the Corporation was also affixed to (1) 4 attested duplicate debentures of the Sanitary Works Loan of 1885, of Rs. 500 each, Nos. 404, 407, 408 and 410N.N.; (2) to 3 ditto of the Municipal Loan of 1878 of Rs. 500 each, Nos. 970, 1342 and 4895; (3) to 2 consolidated debentures of the Municipal Loan of 1878, Nos. 3430-50 of Rs. 10,500 and No. 4003-4 of Rs. 1,000; and (4) to 179 debentures of Tansa Water Works Loan, Nos. 28891-29400 (*i.e.*, 175 debentures of Rs. 1,000 each and 4 of Rs. 20,000 each.)

No. 13143. *Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26832, dated 15th instant, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structure built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Oomerally Sarung ... | ... Building at No. 81-85, Temker Street." |

No. 13144. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 27576, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Read the following :—

No. 1433 of 16th February 1892.

To the COMMISSIONER.

Sir,—I have the honor to inform you that the grant for the current official year, which amounts to Rs. 20,05,117-11-9, is not sufficient to meet the charges for the year. I have therefore to request that you will obtain a supplementary grant for a further sum of Rs. 1,00,000.—I have, &c., W. CLERKE, C.E., Executive Engineer, Tansa Water Works.

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No. 3738 of 17th February 1892.

To the COMMISSIONER.

Memorandum * * * * *

There is no objection to the sanction of the Standing Committee and Corporation being obtained to a further sum of rupees one lakh being expended on the Tansa Works during the current financial year, in addition to the sanctioned budget renewed and additional grants aggregating Rs. 20,05,117-11-9; Rs. 59,513-11-10 of the supplementary grant to be met out of the sum already reserved for such extra expense (and consequently not included in the opening balance while preparing the budget for 1892-93), and the remai-

ing sum of Rs. 40,486-4-2 to be met out of the grant of Rs. 2,48,000, provided for the works in the ensuing year's budget, the sum to be expended in the ensuing year on account of Tansa would thus be reduced to Rs. 2,07,513-11-10.—SORABJI NAVROJI COOPER, Chief Accountant.

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No. 27068 of 18th February 1892.

Submitted to the Standing Committee and Corporation for favour of sanction.—H. A. ACWORTH, Commissioner.

No. 13145. *Resolved* : "That, as recommended by the Commissioner in his memorandum No. 27068, dated 18th instant, the Corporation be recommended to sanction a supplementary grant of Rs. 1,00,000 on account of the Tansa Works. Rs. 59,513-11-0 of this amount to be met from the sum already reserved for such extra expenditure and not included in the opening balance as per the budget for 1892-93, and the remaining sum of Rs. 40,486-4-2 to be met out of the grant of Rs. 2,48,000 provided for the works in the ensuing year's budget."

No. 13146. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 27314, dated 22nd instant, and subject to the approval of the Corporation, under Section 133 of the Municipal Act, sanction be given to the transfer of Rs. 2,910 from savings in section I, establishment, A, miscellaneous drainage, Section II, A, miscellaneous drainage, main sewer establishment; do. repairs to roads opened for cleaning drains, section I, establishment, B, maintenance of Love Grove Pumping Station, section V, repairs to buildings, etc., section I, sluicemen establishment, C, maintenance of sluices, to section II, coals, B, maintenance of Love Grove Pumping Station. The excess is due to the quantity of coal consumed during the current year being more than that in the previous year owing to the supply being obtained by direct shipment, and containing a larger portion of dust, but this is compensated for by the rates being lower."

No. 13147. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 26973, dated 17th instant, and with reference to the resolution of the Corporation No. 11359, dated 14th January last, sanction be given, subject to the approval of the Corporation, under Section 133 of the Municipal Act, to the transfer of Rs. 22,000, from savings in the Executive Engineer's budget,

Water Works maintenance, 2, materials, 3, contingencies, 7, maintenance of Pawai, section VII, coal and contingencies, to same budget, repairs to Tulsi main embankment, to meet cost of the latter work out of savings, as already sanctioned in the Corporation's resolution No. 11359 of 14th ultimo."

No. 13148. *Resolved* : "That the following be *recorded* :—Letter No. 27338, dated 22nd instant, from the Commissioner, reporting that he has accepted the tender of Mr. Rahim Ibrahim Jumalani, the lower of the two tenders received, for the supply of firewood for cremation purposes during 1892-93 at Rs. 4-10-0 per khandy."

No. 13149. The following letter from himself was *withdrawn* by the Commissioner, and the consideration of the question postponed till next week :—Letter requesting sanction to his accepting the tender of Mr. Amroota Babaji, the lowest of the four tenders received, for the supply of dry earth for covering cutchra on the Flats during 1892-93, at the rate of Rs. 2-1-0 per brass.

No. 13150. *Resolved*: "That, as applied for by the Commissioner in his letter No. 27498, dated 23rd instant, sanction be given to the acceptance of by him the tender of Messrs. Fakirji Pestonji & Co., the lower of two tenders received, for annual repairs, petty works and supply of building materials for the year 1892-93, at schedule rates."

No. 13151. *Resolved* : "That, as applied for by the Commissioner in his letter No. 27196, dated 20th instant, sanction be given to his obtaining bricks, lime, rope, hemp, and lanterns required in connection with the work of the first drainage section from the bazaar at current market rates which are reported by the Executive Engineer to be much cheaper than the petty contractors' rate. That all purchases of the supplies as above exceeding Rs. 500 in value be reported to the Committee as per clause (*d*) of Section 69 of the Municipal Act."

No. 13152. *Resolved* : "That, as applied for by the Commissioner in his memorandum No. 27274, dated 22nd instant, and in lieu of the resolution of the Town Council, No. 3042, dated 31st August 1880 (sanctioning the payment of compensation at the rate of Rs. 10 per square yard for the 19·38 yards of land acquired at Lawrence DeLima Street to Mr. Murar Vizbukhandas), sanction be now given to the payment of the said compensation to Mr. Dadabhoy Nusserwanji Bottlewalla."

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 27273, dated 22nd instant, and in lieu of the resolution of the Town Council, No. 390 of 1887-88 (sanctioning the payment of compensation at the rate of Rs. 2 per square yard for the 57·77 yards of land acquired at Parel Road [Lal Bag] to Mr. Rahimtula Sulliman), sanction be now given to the payment of such compensation to Hoormul Begum, daughter of Akbar Ali Khan and widow of Hakim Mahomed Bauker."

No. 13153.

*Resolved*: "That, as applied for by the Commissioner in his letter No. 27034, dated 18th instant, sanction be given, under Section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Fakir Mahomed Babanbhai & Co., the contractors for the Fort pipe sewer works, whereby their deposit may be returned to them."

No. 13154.

*Resolved*: "That, as applied for by the Commissioner in his memorandum No. 26874, dated 16th instant, the Corporation be recommended to sanction the renewal of the lease of the Health Department stable (E Ward), owned by Mr. Poshety bin Poshaya Lingal, for the period of two years, from 1st March 1892, at a monthly rental of Rs. 50."

No. 13155.

*Resolved*: "That the following be *recorded*:—Resolution of the Corporation, No. 13130, dated 22nd instant, as under:—'That the Corporation regret that the Standing Committee should fail to understand the directions contained in the Corporation's resolution No. 12732 of 11th instant, which had for their object to have before them the views of the dissenting members or any of them, and they therefore feel constrained to ask the dissenting members, or any of them, to be good enough to hand to the Municipal Secretary any minute containing their views in the matter, to be printed and circulated among the members of the Corporation before they proceed with the discussion of item No. 27 on the agenda (regarding the amount paid to Messrs. Glover & Co., contractors for the Tansa Dam Works.)'"

No. 13156.

*Resolved*: "That the existing rates fixed by the Standing Committee for the supply of water by meter and for metre hire, under sections 169 and 276 of the Municipal Act, for the year 1891-92, be

No. 13157.

continued during the year 1892-93, and that they be applicable also to the same classes of properties as at present, provided that (with the exception of Government and Port Trust properties, dining places, and Jamatkhanas) the minimum charge shall not be less than a sum equal to half the water-tax on value on the property supplied, and that it shall be at the option of any owner to apply to have a Municipal meter fixed to his premises and to be charged by measurement at 12 annas per 1,000 gallons, subject to the minimum charge just fixed."

"That the existing system for the payment by religious, charitable and educational institutions, the University Garden, clubs and houses with gardens, of compounded sums, under Section 169 (*b*), approved by the Standing Committee for the year 1891-92, be continued for 1892-93."

No. 13158. *Resolved*: "That the consideration of the Commissioner's letter No. 27200, dated 20th instant, on the subject of drawbacks under section 158 of the Municipal Act, be postponed until next week to allow of the presence of the Solicitors to the Corporation."*

No. 13159. *Resolved*: "That, with reference to their resolution No. 12731, dated 11th instant, the Corporation be recommended to sanction an advance of Rs. 30,000, from available balances, to be adjusted hereafter to the debit of the premia realised on the debentures of the Tansa Water Works Loan, or surplus cash balance, as the case may be, to meet the cost of carrying out the ceremonial in connection with the opening of the Tansa works."

No. 13160. *Resolved*: "That the Progress Report of new works in course of construction up to the end of December 1891, be laid on the table and brought on for consideration next week."

No. 13161. *Resolved*: "That the Corporation be recommended to inform Mr. Bezonjee Dadabhoy and others, in reply to their petition, dated 9th November last, that as the Tansa water supply will be introduced into the city within a few weeks from this date, the present causes of complaint regarding the supply to Bhuleshwar should then be obviated."

* The Commissioner wished have it placed on record, that he strongly objected to the prompt moment of this matter.

*Resolved* : "That the following be *recorded* :—Memo-
No. 13162. randum No. 26862, dated 16th instant, from the Commissioner, reporting, with reference to the resolution of the Standing Committee, No. 4484, dated 3rd October 1888, the transfer of Rs. 50,000 from the 12 Lakhs Drainage and Water Works Loan deposit account to the Municipal General Fund pass book on 8th instant."*

*Resolved* : "That the following be laid on the table :—
No. 13163. Letter, dated 16th instant, from Messrs. Ardeseer Framjee Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and expenditure at the end of each week for the month of January last, and compared them with the ledgers and journals and found them correct. Forwarding summary and statement of their scrutiny of accounts."

*Resolved* : "That the following be forwarded to the
No. 13164. Commissioner for disposal and that the applicant be informed accordingly :—Letter, dated 18th instant, from Mr. Dayal Bhimji, on the subject of refund of one-fifth drawback in respect of his property situated at Dariasthan Street."

The following return was read and *recorded* :—

Return of fires at Khawat Gully (Paidhowni), Cawasji Patel Tank Road, Carnac Road (Mandvi) and Parell Road, forwarded with the Commissioner's memorandum No. 26822, dated 15th February 1892.†

The following statement was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 21st February 1892.‡

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BOMBAY, *2nd March* 1892.

AT the Meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman*,
ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., C.C.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURRO, TUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; the REVENUE AND REFUND OFFICER; LESLIE CRAWFORD, Esq., Municipal Solicitor; and the SECRETARY.

The minutes of the meeting held on the 24th ultimo, were signed.

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* The balance remaining to the credit of the above fund, after effecting the above transfer, is Rs. 4,37,673-5-11 (Rs. 1,83,629-9-11 in cash and Rs. 2,54,043-12-0 in 4 per cent. Government Paper for Rs. 2,56,000.)

† *See* Appendix E. ‡ *See* Appendix C.

Priority was given to letter No. 27200, dated 20th ultimo, from the Commissioner, to the Secretary, on the subject of revised draft of general conditions under section 158 of the Municipal Act.

After discussion it was proposed by Abdalla M. Dharamsi, Esq., seconded by K. M. Shroff, Esq.—

No. 13413. "That the Municipal Solicitors be requested to obtain the opinion of Counsel on the question of the powers of the Standing Committee under section 158 of the Municipal Act.

"That, as the matter is urgent, the Solicitors be asked to arrange for the opinion being placed before the next meeting of the Committee."

*Carried.*

No. 13414. The seal of the Corporation was affixed to deed of contract with Messrs. John Fleming & Co. for the supply of disinfectants during 1892-93.

The seal was also affixed to debentures of the Municipal building loan, *viz.*, 4 of Rs. 25,000 each, Nos. 1-200 ; 5 of Rs. 20,000 each, Nos. 200-400 ; 6 of Rs. 15,000 each, Nos. 401-580 ; 20 of Rs. 10,000 each, Nos. 581-980 ; 20 of Rs. 5,000 each, Nos. 981-1180 ; 50 of Rs. 2,000 each, Nos. 1181-1380 ; and 110 of Rs. 1,000 each, Nos. 1381-1600.

No. 13415. *Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 27812 to 27820, both inclusive, dated 25th ultimo, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | | | Where. | |
|---|---|---|---|---|
| Haji Ebrahim Haji Abu... | ... | ... | Building at | Fergusson Road. |
| Mr. Walla Ramji | ... | ... | Do. | Elphinstone Road. |
| ,, Arjun Dhaku | ... | ... | Do. | Fergusson Road. |
| ,, Bhaya Lala | ... | ... | Do. | Dadar, Koombharwada. |
| ,, Rama Punjia | ... | ... | Do. | Do. do. |
| ,, Do. | ... | ... | Do. | Elphinstone Road. |
| ,, Ganga Parsad | ... | ... | Do. | Mahaluxmi, Dhobiwada. |
| ,, Gopal Hari | ... | ... | Do. | Elphinstone Road. |
| ,, Salom Isajee | ... | ... | Do. | Sion Station."

No. 13416. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 28233, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 13417. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 27673, dated 25th February 1892, and subject to the approval of the

Corporation, sanction be given to the transfer of Rs. 1,300, from savings in section IV, lighting markets and slaughter houses (cost of lighting other markets), to same section (cost of lighting Crawford Market), to meet excess on the latter head due to a larger consumption of gas this year than in the previous year."

No. 13418. *Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 27677, dated 25th ultimo, and subject to the approval of the Corporation, under section 133 of the Act, sanction be given to the transfer of Rs. 6,000, from savings in Conservancy Branch, II, labour A, scavengering, to same head, II, labour, B, surface drain cleaning, repairs to roads opened for drain cleaning, Health Department Budget, to meet excess on the latter head, due to an increase in the number of openings in roads for drain cleaning purposes."

No. 13419. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 27337, dated 22nd ultimo, sanction be given to the acceptance by him of the tender of Mr. Amroota Babaji, the lowest of the four tenders received, for the supply of dry earth for covering cutchra on the Flats during 1892-93, at the rate of Rs. 1-15-6 per brass."

No 13420. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 28203, dated 1st instant, sanction be given to the acceptance by him of the tender of Messrs. Adamji Abdullali & Co., the lowest of 4 tenders received, for the supply of petty stores during 1892-93, at schedule rates.

"That, as applied for by the Commissioner, in his letter No. 28204, dated 1st instant, sanction be given to the acceptance by him of the tender of Messrs. Heptoola Sheik Adam & Co., the lowest of 4 tenders received, for the supply of hardware during 1892-93, at schedule rates."

No. 13421. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 27788, dated 25th ultimo, sanction be given to his purchasing from Messrs. Richardson & Cruddas, 13 complete sets of tidal flaps and 2 balance valves, at a total cost of Rs. 3,918-8. The amount to be met from the grant of Rs. 14,000, provided in the Loan works budget for sewer flushing arrangements. That, under the terms of section 72 (3) of the Municipal Act, the Committee dispense with the

invitation for tenders which would otherwise be necessary, as the work is urgent, and Messrs. Richardson & Cruddas are already engaged on similar work for the Municipality."

No. 13422. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 27855, dated 26th ultimo, the Corporation be recommended to sanction the employment of an establishment, at a total cost of Rs. 480, for the purpose of recasting, in the light of Mr. Baldwin Latham's recommendations, the proposals made in 1889 by the Executive Engineer for the sewerage of the districts of Umerkhadi, Parel and Mazagon. The cost to be met from surplus cash balance."*

The Chairman gave notice that at the next monthly meeting of the Corporation fixed for the 7th instant, he will propose that sanction be given in terms of the foregoing resolution.

No. 13423. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 27982, dated 27th February 1892, sanction be given to the payment of Rs. 759, from the renewed allotment of Rs. 2,930, for the construction of a latrine on the Walkeshwar foreshore, to meet the cost of providing a urinal at Clerk Road (between the G. I. P. Railway and Parel Road)."

No. 13424. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 27409, dated 23rd ultimo, sanction be given to his entrusting the work of repairing the Tulsi main embankment between Mahim and Bandora to Messrs. Framji & Jivanji in continuation of their present contract for repairing the Vehar main embankment between Sion and Kurla. The cost, viz., Rs. 10,780, to be met out of the sum of Rs. 22,000, sanctioned for the work by the Corporation, in their resolution No. 11359, dated 14th January last."

No. 13425. The consideration of the following was postponed till next week, and in the meanwhile, the Commissioner was asked to give the original tenderer an opportunity of offering at a lower price for the street name boards:—Letter No. 27499, dated 23rd February 1892, from the Commissioner, requesting sanction with reference to the resolution of the Committee No. 8317, dated 14th

* The state of the surplus cash balance is as under:—Reserved for probable extra grants up to the end of the year, Rs. 79,793; amounts already sanctioned Rs. 60,567-6-0; amount recommended for sanction, Rs. 328; available balance, Rs. 48,897-10-0.

November last, to the purchase of street name boards from Messrs. Latham & Co. at the rate of Rs. 4-3-0 each, instead of from Mr. Shankerao, whose rate is Rs. 4-12-0, and as Messrs. Latham & Co. agree to supply boards of a superior make.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 27626, dated 24th ultimo, sanction be given, under section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Bulkley & Co., contractors for constructing pipe sewers, branch pipes, drains and fixing cast-iron down pipes, &c., in Queen's Road and Girgam districts, whereby the maintenance period of the work shall count from 12th May 1891, instead of 23rd December last."

No. 13426.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 27663, dated 24th ultimo, sanction be given, under section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Bhedwar & Co., contractors for laying water mains in Nagdevi and other streets, whereby the sum of Rs. 2,370 out of the contractors' deposit may be returned to them now, the balance of Rs. 130 being paid to them when the maintenance period of the additional work carried out by them expires.

No. 13427.

"That for the reasons stated by the Commissioner, in his letter, sanction be given to the payment of Rs. 50 out of savings on the grant for the laying of the mains, to meet the cost of putting right gas pipes that came in the way of the water mains."

The consideration of the following was postponed till next week and in the meanwhile the Commissioner was asked to report the amount contributed by the deceased to the Pension Fund :—Memorandum No. 27408, dated 23rd ultimo, from the Commissioner, forwarding for consideration an application from the widow of Mr. Purushram Mukoondjee, late Inspector of Buildings, for compassionate allowance.

No. 13428.

The consideration of the following was postponed till next week to enable the Commissioner to ascertain from the tenderer whether he will reduce his rate from Rs. 16 to Rs. 15 a day :—Letter No. 27883, dated 26th ultimo, from the Commissioner, on the subject of accepting Mr. Hormusjee D. Guzdar's offer for the removal of offal from Bandora Slaughter Houses.

No. 13429.

*Resolved:* "That, as applied for by the Commissioner, in his letter No. 27497, dated 23rd ultimo, sanction be given to his letting a sitting for 2 meat mincers in the Arthur Crawford Beef Market at the rate of Rs. 12 per quarter."

No. 13430.

In accordance with notices of motion it was proposed by Accacio G. Viegas, Esq.—

"That the Municipal Commissioner be requested to state whether it is desirable to maintain the Municipal Workshops any longer; and if he considers that the Workshops should be kept up in some form, whether it will not be more economical to retain them only for the purpose of carrying out urgent repairs to machinery and water mains."

No. 13431.

The Commissioner informed the Standing Committee that the whole question of the maintenance or otherwise of the Workshops had been under his consideration for some time, and that on a future day he would place his recommendations before the Committee. The question was a very difficult one and entailed enquiries in many quarters.

Considered the following :—Letter No. $\frac{W}{6484}$, dated 16th February 1892, to the Commissioner :—

SIR,—I have the honour to report, as directed in your No. 25728 of the 2nd instant, on the disposal of the Pawai Pumping plant.

1. It will probably be several years before it is found necessary to revert to the Pawai supply, and by that time it is possible that these engines now (in my opinion at least) the very best obtainable will have been further improved upon. If, therefore, a fair price can be obtained for them I should recommend their being disposed of. The difficulty in disposing of such a plant is that differing from mill engines, &c., a certain horse-power must be taken in a particular way. There will, I apprehend, be no difficulty in disposing of the boilers: it is also possible that the engines might be suitable for other places, but there will be few places that just require 4 millions of gallons daily lifted 100 feet, which is the fixed capacity of the pumps.

2. The dismantling of the pumping plant will of course set at liberty the suction and delivery mains and sluice valves on them. These were taken from and would return to our ordinary stock. The value is about Rs. 10,000.

3. This would leave the Pawai Lake and 48" main intact as a gravitation main and the head is sufficient for all the northern parts of the Island, Kurla, &c. At any time, if found necessary, mechanical filters could be provided and the Pawai Water could then be delivered filtered by gravitation.

4. What I recommend is—

*A.*—The immediate taking out, from the pumps and engines, of the pistons and valves, so that further working of the plant would not be required, the whole of the machinery would be suitably covered with white lead and oil so as to prevent rusting, and I believe that with ordinary care the plant could be kept in this way ready for work at a week's notice, with the advantage of saving current expenses and attendance of staff, except one cleaner.

*B.*—Advertising the plant for sale in the professional papers here and at home, the Cape and Australia, and in some of the Indian daily papers; and I would include in the advertisement the engine and pump at Malabar Hill Reservoir displaced by the turbine.

5. I have communicated with several professional friends on the subject of the Pawai engines and have had some inquiries; but up to date there is no prospect of disposing of them.—I have, &c., S. TOMLINSON, M.I.C.E., Deputy Executive Engineer, in charge Water Works.

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No. 27554 of 24th February 1892.

Forwarded to the Standing Committee. The Commissioner recommends the immediate dismantling of the engines and the issue of advertisements in every province of Her Majesty's Indian Empire.—H. A. ACWORTH, Commissioner.

No. 13432. *Resolved*: "That memorandum No. 27554, dated 24th ultimo, from the Commissioner, be printed on the minutes of this day's meeting and brought on for consideration next week."

No. 13433. *Resolved*: "That the following be *recorded*:—Memorandum No. 27671, dated 25th February 1892, from the Commissioner, forwarding, for the information of the Committee and the Corporation, letter No. 1459, dated 24th idem, from the Executive Engineer, Tansa Works, reporting that on the forenoon of the 23rd February, water from Tansa was passed into the Vehar Lake through the sluice way in the conduit, in the 42nd mile. The quantity of water passed was at the rate of about 10,000,000 gallons in 24 hours."

No. 13434. *Resolved*: "That, as applied for by the Commissioner, in his letter No. 28183, dated 1st instant, sanction be given, under section 381 of the Municipal Act, to a notice being served on Haji Ahmed Haji Usman, requiring him to raise his low-lying ground at Chikalwady to the level of that road, as a great nuisance

is caused by rain water finding its way into huts and chawls in the neighbourhood from the ground in question."

Considered the following :—

Letter No. 1791, dated 18th November 1891, to the Acting Commissioner :—

SIR,—With reference to your No. 18989 of 1891-92, dated the 17th instant (returned herewith), I have the honor to report that the ground referred to therein belongs to the Bombay Port Trust, and is not licensed under section 394 of the Act. It is close to the Chowpatti sea-shore where fresh fish is brought direct from vessels under section 410 (2) of the Act to be taken to the different markets for sale. Some fisherwomen also squat there to carry on retail sale.—I have, &c., P. SULLIVAN, for Superintendent of Markets.

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No. 19237 of 1891-92.

Forwarded to the Health Officer for favour of report.—By order, W. PEARSON, Assistant to Commissioner.

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Memorandum No. 26683, dated 25th November 1891, to the Commissioner :—

Returned to the Commissioner. I do not think the landing of fish can be considered in any sense a public nuisance except to people who look on fish as pollution. It is a great convenience to a large number of people, apart from a large number of poor people who make a living through it. Only fish landed direct from the fishing boat should be allowed to be sold at the beach. The practice of selling fish on the Chowpatty foreshore from boats as they are brought in from the sea has existed for centuries. There has been in former years correspondence in regard to the selling of fish here.— T. S. WEIR, Health Officer.

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No. 19805 of 26th November 1891.

The sale of fish at this place always goes on in the evening. It cannot therefore be dependent on the tide and I doubt whether fish is sold from the vessels bringing it within the meaning of section 410. I should like to know whether it would be practicable to alter the hours of sale so as to make them either earlier than 5 P.M. or later than 8 P.M. There is no doubt that the so-called "market" is a nuisance in the popular term.—H. A. ACWORTH, Commissioner.

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Memorandum No. 34800, dated 20th February 1892, to the Commissioner :—

Returned to the Commissioner.

2. So far as my knowledge of the practice of landing and selling fish at the Chowpatty foreshore goes, I think the custom depends on the wind and tide. There is no fixed time. I have seen the fish

landed in the mornings and also during the afternoons. I agree with the Commissioner that the case does not quite fit into section 410 (2). If fish is allowed to be landed at the Chowpatty Beach, in my opinion the hour cannot be fixed.

3. There is another aspect of the case which has perhaps been overlooked, can the Municipality prevent the landing of fish at the Chowpatty foreshore or any other part of either the harbour or sea foreshore. The Municipality has no control over the Chowpatty foreshore. It belongs to the Bombay Port Trust and that body can alone exercise authority over the landing of goods or other articles.

4. In regard to the question asked by the Standing Committee resolution I have to say that the "market" is simply the result of years of custom. No license has been given under section 394, as a license is not necessary and the matter does not fall within that section.

5. In regard to the alleged nuisance I am of opinion that there is no nuisance within the cognizance of any section of the Municipal Act and that there is no case to go into court upon.—T. S. WEIR, Health Officer.

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No. 27425 of 23rd February 1892.

Forwarded to the Standing Committee for consideration.—H. A. ACWORTH, Commissioner.

*Resolved*; "That memorandum No. 27425, dated 23rd February 1892, from the Commissioner, with reference to the subject of the Fish Market at Chowpatty, be postponed and brought on for consideration at the next meeting."

No. 13435.

The further consideration of progress report of new works in course of construction up to the end of December 1891 was postponed till next week.

*Resolved*; "That the following be referred to the Commissioner for favor of remarks:—Memorandum from the Municipal Secretary, forwarding petition addressed to the Corporation from Mr. Genajee Wokajee Saratt, complaining of alleged nuisance from a pit (cesspool) near his shop situated at Janjiker Street."

No. 13436.

The following return was read and *recorded*:—

Return of fires at Purbadevi Road (Standard Mill), Nagdevi Street, Coombharwada (Worlee), Betsti Moholla, 5th Kamathipura Street, and Walkeshwar, forwarded with the Commissioner's memorandum No. 27533, dated 24th February 1892.*

The following statement† was laid on the table:—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 28th February 1892.

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* *See* Appendix **E.**

† *See* Appendix **C.**

BOMBAY, 9*th March* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HARKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKER YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COL. G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; ACCACIO G. VIEGAS, Esq., L. M. & S.; COL. W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; LESLIE CRAWFORD, Esq., Municipal Solicitor; and the SECRETARY.

The minutes of the meeting held on the 2nd instant, were signed.

Priority was given to letter No. 27200, dated 20th ultimo, from the Commissioner, to the Secretary, on the subject of revised draft of general conditions under section 158 of the Municipal Act.

Mr. Crawford read the following :—

BOMBAY, 8*th March* 1892.

To H. A. ACWORTH, Esq., Municipal Commissioner.

SIR,—We have the honor to report that, pursuant to the instructions given to us at the meeting of the Standing Committee last week, we have submitted a case for the opinion of Counsel (Mr. Jardine) upon the question of the general conditions to be prescribed by the Standing Committee in respect of one-fifth drawback, and we herewith forward a copy of that case and of Mr. Jardine's opinion thereon.—We have, &c.,

CRAWFORD, BURDER & Co.

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*Ex parte.*—The Municipality.

*Re* General condition to be prescribed by the Standing Committee in respect of drawbacks.

Counsel's attention is particularly drawn to section 158 of the City of Bombay Municipal Act, 1888, which provides, sub-section (1), that in the case of a building or land "let to two or more persons holding in severalty" the Commissioner may, for assessment purposes, "either treat the whole thereof as one property or with the written consent of the owner of such building or land treat each several holding therein or any two or more of such several holdings together, or each floor or flat as a separate property," and by sub-section (2) further provides that "when the Commissioner has determined to treat all the several holdings comprised within any one building or land under this section as one property, he may, subject to any general conditions which may from time to time be prescribed by the Standing Committee in this behalf at any time not later than seven days before the first day of any half-year for which an instalment of general tax will be leviable in respect of the said property, sanction a drawback of one-fifth part of the general tax so leviable."

The High Court, as Counsel is no doubt aware, upon a reference from the Chief Judge of the Small Cause Court, in the case of Goverdhandas Goculdas Tezpal, has held that "may" in sub-section (2) of this section must be read as "shall" (*see* copy notes of this decision sent herewith).

The position of matters, therefore, seems to be this: Every property which fulfils the conditions of sub-section (1), that is to say, which "is let to two or more persons holding in severalty," must be treated, for assessment purposes, as one property, unless the owner consents in writing to the several holdings, or some of them, being treated as separate properties, and in respect of every such property which is treated as one, the Commissioner is obliged, "subject to any general conditions which may from time to time be prescribed by the Standing Committee in this behalf," to sanction a drawback of one-fifth of the general tax leviable thereon.

The question has now arisen whether, by the general conditions to be from time to time prescribed by the Standing Committee as contemplated in this section, they (the Standing Committee) have the power to prescribe certain classes of cases in which drawback is to be sanctioned, and limit the right to claim such drawback to cases falling within those classes. Besides, and independently of, the provision for drawback, the Act, it will be seen, contains (sections 174 to 179) provisions for refund of a proportion of certain of the taxes in respect of vacancies, according to the duration of such vacancies, but stipulates (section 178) that "no refund of general tax shall be claimable in any case in which the Commissioner has sanctioned a draw back under sub-section (2) of section 158."

The provisions above quoted, in regard to properties held in severalty, differ somewhat from those in the former Municipal Acts (the Acts of 1872 and 1878). By section 76, clause 1, of these last mentioned Acts, it was provided that—"In the case of houses or buildings let in flats, or sets of apartments so constructed as to form distinct dwelling places and let as separate tenements, it shall be lawful for the Municipal Commissioner to treat such flats or sets of apartments as separate property for the purpose of the said rates, provided that if any portion of such flat or set of apartments is occupied, the said rates shall be leviable on the valuation of the whole tenement."

As to these cases a right to refund for vacancy was given by a subsequent section of the same Acts (section 82).

By clause 2 of section 76 it was enacted that, "In the case of any chawl or building let out for hire in single rooms, either as lodgings or godowns for the storage of goods, the said rates shall be levied on the annual value of each floor, and the landlord of any such chawl or building shall, if he apply to the Commissioner for such remission on account of the half-year then commencing, at any time within fourteen days after the first day of January or the first day of July, and furnish full particulars of the situation of such chawl or building, and of the number of the rooms and godowns

therein, be entitled to a remission of one-fifth part of the consolidated rate leviable thereon under the provisions of section sixty-nine of this Act. Provided that no landlord of any chawl or building shall be entitled to such remission for any floor on which any trade or manufacture is carried on or any goods sold."

Thus by the former Act itself the right to drawback, or "remission" as it is there called, was limited to a particular class of properties, namely, chawls or buildings let out for hire in single rooms either as lodgings or godowns for the storage of goods, and no power was given to any Municipal authorities to prescribe conditions. Whereas from the present Act, as we have seen, this limitation of the right was omitted, but a power to prescribe general conditions was reserved to the Standing Committee and the right of the Commissioner to sanction drawback was made subject to such general conditions when prescribed.

On the 17th December 1890, the Standing Committee, by their resolution of that date, purported to prescribe certain general conditions, as contemplated by section 158 (2) of the present Act (see copy resolution sent herewith).

By this resolution they directed that drawback should be granted—(1) "in every case in which it would have been allowed under the Acts of 1872 and 1878 [section 76 (2)]"; and (2) "in every case in which the property concerned has remained generally, wholly or partially, vacant for more than thirty and less than sixty days"; and they further provided that "all claims for drawback must be submitted not less than thirty days previous to the half-year to which the claim relates."

By the 2nd clause the Standing Committee intended to extend the right to certain cases in which it would not have accrued under the old Acts, but they did also undoubtedly *intend* to limit it to the classes of cases mentioned in their resolution. Inasmuch, however, as this limit was not expressly provided, it was doubted whether the general conditions could have that effect, and they were consequently revised and again placed before the Standing Committee recently for reconsideration (see copy revised general conditions herewith). In effect these revised conditions differ very little from the former ones except in so far as they purport in express terms to the right to draw back, to the classes of cases mentioned in them.

The question has now been raised in the Standing Committee as to whether they have power at all by the general conditions contemplated by section 158 (2) to limit in any way the right to draw back of one-fifth of general tax, which (apart from any such general conditions) would, as we have seen, apparently exist in respect of *every* property "let to two or more persons holding in severalty."

It is contended, on the one hand, that it could never have been intended that the Standing Committee should have the power to cut down the right which the Act itself confers upon every owner of property let to two or more persons holding in severalty; that if

it were otherwise they might render the provisions of the Act in that respect nugatory; that the very fact of the omission from the present Act of the express limit of that right to a specified class of cases, shows that the right was intended in the present Act to be unlimited; that the general conditions contemplated were merely for the purpose of regulating (as for instance, by prescribing the time within which application should be made to the Commissioner to sanction the drawback), and not for the purpose of limiting the right; and that even if the intention was to reserve a power of limitation to the Standing Committee, the Act has failed to give effect to it.

On the other hand, it is said that there can be no reason to suppose that the intention was to introduce into the present Act such a radical change as the extension, without any limitation whatever, of the right to drawback, to the enormous proportion of the property in Bombay which fall within the description of properties "let to two or more persons holding in severalty;" that to do so would be tantamount to giving up one-fifth of the general tax leviable on the very large majority of properties so let in Bombay, without (as to very many of them) any adequate reason for doing so, and would thus throw on the small minority of properties not so let, an undue proportion of the burden of the tax; that the intention was merely to get rid of the hard-and-fast line prescribed by the old Acts, and enable the Standing Committee to exercise a discretion from time to time, as experience might dictate, so as to include any classes of cases to which it might appear to them that the principle might properly be applied; and that the Act itself limits the right by coupling it as it does with the provision that it should be *subject* to such general conditions as the Standing Committee might from time to time prescribe in that behalf.

It is urged in support of the view that the Standing Committee cannot limit the right, that there are many cases of property let to two or more persons holding in severalty, portions of which are frequently vacant, but that, the whole property being treated as one, such vacancy (being only partial) does not give a right to refund under sections 174 *et seq.*, and that it was probably for the purpose of affording some relief in such cases that the limitation prescribed by the old Acts was advisedly omitted.

In answer to this argument it is said that possibly the legislature may have had such cases in view, and consequently thought it better to substitute for the hard-and-fast line, the more elastic discretion which would admit of the principle of drawback being extended and adjusted from time to time so as to meet any class of cases to which it might appear equitable to apply it. Functions of a somewhat analogous kind are, it is pointed out, vested in the Standing Committee under section 169 of the Act; moreover, it is pointed out that it is apparently in the option of the owner to have his whole property treated as one or each several holding treated as a separate property, according, as he may, first it suits him best.

It was eventually determined to obtain the opinion of Counsel.

Counsel is therefore requested to advise the Standing Committee on the following points :—

1. Have the Standing Committee the power by the general conditions contemplated by section 158 (2) to prescribe certain classes of cases in which the sanction of the Commissioner to drawback is to be given, and to exclude from sanction cases not falling within those classes ?

2. If not, what is the nature of the general conditions contemplated ?

3. Are the general conditions which purported to be prescribed by the Standing Committee resolution of the 17th December 1890, *intra vires* and valid ?

4. Would it be competent to the Standing Committee to prescribe the revised general conditions which were recently submitted to them for consideration ?

And to advise generally.

1. I am of opinion that the Standing Committee has power to frame valid general conditions of the kind suggested in the query. There is nothing in the section to limit the nature of the general conditions to which the sanction must be subject.

3 & 4. I think both sets of general conditions in question are *intra vires* and valid.

J. JARDINE.

*7th March* 1892.

Proposed by Colonel Merewether, seconded by Cowasjee Hormusjee, Esq.—

"That, as recommended by the Commissioner in his letter No. 27200, dated 20th ultimo, and in lieu of the resolution of the Committee, No. 9274, dated 17th December 1890, (sanctioning the conditions to be observed in the allowance of drawback) the Committee, under the terms of section 158 of the Municipal Act, hereby prescribe the following general conditions with reference to the sanction of drawback in respect of properties which are let to two or more persons in separate occupancies, *viz.* :—

No. 13789.

"1. Except with the special sanction of the Commissioner, no claim for drawback shall be entertained, unless submitted to the Commissioner not less than 30 days before the commencement of the half-year to which such claim relates.

"2. Drawback of one-fifth part of the general tax shall be sanctioned by the Commissioner in cases falling within either of the following classes and in no others, *viz* :—(*a*)

chawls or buildings let out for hire in single rooms, either as lodgings or godowns for the storage of goods, (*b*) properties which in the opinion of the Commissioner are usually or frequently vacant, either wholly or partially.

" 3. No sanction for drawback shall extend or apply to any floor on which any trade or manufacture is carried on or any goods are sold."

*Carried.*

No. 13790. The seal of the Corporation was affixed to deed of contracts with Messrs. Gungaram Luxumon & Co. for the construction of a chawl at Love Grove and with Messrs. N. S. Charles & Co. for the supply of street lanterns.

The seal was also affixed (1) to 2 attested duplicate debentures of the Tansa Water Works Loan of Rs. 500 each, Nos. 75 and 2200 ; (2) to 18 ditto of the Municipal Loan of 1878 of Rs. 500 each, Nos. 1390 to 1394, 2401 to 2409, and 2519 to 2522 (both inclusive) ; (3) to 4 sub-divided debentures of the 35 lakhs Various Sanitary Works Loan of Rs. 5,000 each, Nos. 1201-10 to 1231-40 ; and (4) to 1 consolidated debenture of the Drainage and Water Works Loan of Rs. 5,000, Nos. 2085-94.

No. 13791. *Resolved* : " That, as applied for by the Commissioner in his memoranda Nos. 28416, 28417, 28418 and 28419, dated 4th instant, sanction be given, under section 351 (2) of the Municipal Act to the removal of the following structures built without permission :—

| Name of Owner. | | Where. | |
|---|---|---|---|
| Mr. Bhauram Raghoba | ... | ... Building at Warli Road. | |
| „ Ramlal Rajaram | ... | ... Do. | DeLisle Road. |
| Haji Ebrahim Haji Abu | ... | ... Do. | Fergusson Road. |
| Mr. Damodhar Sambhu | ... | ... Do. | DeLisle Road." |

No. 13792. *Resolved* : " That, as applied for by the Commissioner in his memorandum No. 28765, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

Read letter No. 28598, dated 7th instant, from the Commissioner, to the Secretary, as under :—

SIR,—With reference to my letter No. 22011 of 28th December 1891, I have the honor to report that, after providing for the branch sewers at Parel at cost of Rs. 20,852 as per Corporation's resolution No. 13318 of 25th February 1892, a balance of Rs. 27,223-1-11 still remains out of the savings in the Drainage

Department. I beg to suggest that out of this a sum of Rs. 21,598 be spent in completing the storm water drain from the top of Bazar Gate Street to the Salvation Army Hall in Hornby Road. It is necessary to make immediate provision for the carrying off of storm water from the new Municipal Offices. And supposing the drain from them to be taken to the top of Bazar Gate Street, about Rs. 3,000 will have to be spent on an incomplete scheme. It is in every way preferable to complete the storm water drain in Hornby Road as proposed, by connecting the section between the Salvation Hall and Bazar Gate Street. I shall be glad of very early sanction to this proposal as it is necessary to determine immediately the manner in which storm water from the Municipal Offices is to be carried away.—I have, &c., H. A. ACWORTH, Commissioner.

Proposed by Colonel Merewether, seconded by Colonel Wilson—

"That, as applied for by the Commissioner in his letter No. 28598, dated 7th instant, the Corporation be recommended to sanction the payment of Rs. 21,598 to meet the cost of completing the storm water drain from the top of Bazar Gate Street to the Salvation Army Hall, Hornby Road. The amount to be met out of savings amounting to Rs. 27,223-1-11 in the Drainage Department after meeting the cost of the drainage of Parel as sanctioned by the Corporation in their resolution No. 13318, dated 25th ultimo."

No. 13793.

*Carried.*

Read letter No. 28184, dated 1st instant, from the Commissioner, to the Secretary, as under :—

SIR,—I have the honour to state that 32 acres 33 gunthas and 14 anas of ground were acquired under the Land Acquisition Act from the property of Bai Dhanbai Cama at Kerol in connection with the Tansa Pipe line, and that in accordance with the decree of the District Court at Thana, Rs. 30,000, plus Rs. 3,120-13-7 interest at 6 per cent. from 6th June 1890 to 28th February 1892, were paid to the Collector of Thana on the 27th ultimo under the terms of section 118 (*f*) (ii) of the Municipal Act. The amount can be met out of the supplementary grant of Rupees one lakh on account of expenditure on the Tansa Water Works during the current financial year, which has already been recommended by the Standing Committee for the sanction of the Corporation.—I have, &c., H. A. ACWORTH, Commissioner.

*Resolved* : "That letter No. 28184, dated 1st instant, from the Commissioner, to the Secretary, be *recorded*."

No. 13794.

Proposed by Colonel Merewether, seconded by Hurkisondas Nurrotumdas, Esq.—

No. 13795. "That, as applied for by the Commissioner in his letter No. 28432, dated 4th instant, sanction be given, under section 69 (*e*) of the Municipal Act, to a variation of the contract with Messrs. Amroota Babaji, Bhedwar & Co., whereby the maintenance period of the work for constructing the road at Sewri connecting Golanji Hill Road with Jakeria Bunder Road, shall commence from 24th November last."

*Carried*, with one dissentient.

Proposed by Harkisondas Nurrotumdas, Esq., seconded by Mulji B. Barbhaya, Esq.—

No. 13796. "That, as applied for by the Commissioner in his letter No. 27499, dated 23rd ultimo, and in lieu of the resolution of the Committee No. 8317, dated 14th November 1891 (sanctioning the entering into a contract with Mr. Shankerao Baba Mandrupker for the supply of tin plates and street-name boards), sanction be now given to the purchase of street-name boards from Messrs. Latham & Co. at the rate of Rs. 4-3-0 each instead of from Mr. Shankerao, whose rate is Rs. 4-12-0, and as Messrs. Latham & Co. agree to supply boards of a superior make and as per sample.

"That, under the terms of section 72 (3) of the Municipal Act, the Committee dispense with the invitations for tenders which would otherwise be necessary, as it is not probable that more favourable rates would be obtained by advertising, and as Mr. Shankerao Baba Mandrupker and Messrs. Latham & Co. are specially engaged in the supply of the articles in question."

*Carried.*

*Resolved*: No. 13797. "1. That sanction be given to the purchase of 500 tons of Davison's West Hartley coal from Messrs. Killick, Nixon & Co., at the rate of Rs. 17-8-0 per ton delivered at Love Grove Pumping Station.

"2. That, under the terms of section 72 (3) of the Municipal Act, the Committee dispense with the invitations for such supplies which would otherwise be necessary, as similar arrangements, sanctioned by the Committee's Resolution No. 9755 of 7th January 1891, for the purchase of coal during the current year, have been advantageous to the Municipality."

Proposed by the Hon'ble Mr. Javerilal U. Yajnik, seconded by K. M. Shroff, Esq.—

"That, with reference to the Commissioner's memoran-
No. 13798. dum No. 27408, dated 23rd ultimo, sanction be given to the payment of Rs. 2,283-10-0, as compassionate allowance, to the widow of Mr. Purushram Mukoondjee, late Inspector of Buildings, being the amount she is entitled to for the period of her husband's service in the Municipality. The amount to be met out of the grant for pensions, gratuities and compassionate allowance."

*Carried.*

*Resolved*: "That, as applied for by the Commissioner,
No. 13799. in his letter No. 27883, dated 26th ultimo, the Corporation be recommended to sanction, in accordance with the terms of section 67 (*b*) of the Municipal Act, a contract being entered into with Mr. Hormusjee D. Guzdar for the removal of the offal from the Bandora Slaughter Houses, for a period of five years, from 1st March 1892, at the rate of Rs. 15 a day. The difference in the amount budgetted for during the current year, *viz.*, Rs. 12 and Rs. 15 (*viz.*, Rs. 1,095) to be met from surplus cash balance."

*Resolved*: "That, as applied for by the Commissioner,
No. 13800. in his letter No. 28613, dated 7th instant, sanction be given, under section 172 of the Municipal Act, to the levy of halalkhor tax at the rate of Rs. 2-8-0 per month for service rendered at the tent occupied by Mr. L. Augusto at Chaopati."

*Resolved*: "That, as recommended by the Commis-
No. 13801. sioner, in his memorandum No. 27554, dated 24th ultimo, and under the terms of the Corporation's resolution No. 6435 of 8th September 1891, the Committee approve of his dismantling the Pawai pumps and engines and issuing advertisements for the sale of the same."*

*Resolved*: "That the following be *recorded*:—Memoran-
No. 13802. dum No. 28410, dated 4th instant, from the Commissioner, forwarding a return shewing that no houses or portion of houses fell during the month of January 1892."

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* See Proceedings of the Standing Committee, dated 2nd instant.

No. 13803. *Resolved*: "That the report of the Health Officer for the fourth quarter of 1891 be forwarded to the Corporation, and that their attention be specially invited to the last paragraph of the report, relating to the disposal of town sweepings."

Proposed by Colonel Wilson, seconded by Cowasjee Hormusjee, Esq.—

"That the question of sale of fish at Chaopati foreshore be left to the discretion of the Commissioner."

*Amendment*, proposed by Mulji B. Barbhaya, Esq., seconded by the Hon'ble Mr. Javerilal U. Yajnik—

"That the Commissioner be requested to take steps for preventing the retail sale of fish on the Chaopati foreshore without a license from him under section 410 (1) of the Act."

After discussion it was agreed (with one dissentient) that the question be brought before the Corporation by way of notice of motion.

No. 13805. *Resolved*: "That the following be *recorded* :—Memoranda Nos. 28087 and 28088, dated 29th ultimo, from the Commissioner, reporting, with reference to the resolutions of the Committee, Nos. 5620 and 4484, dated 9th January 1889 and 3rd October 1888, the transfers of Rs. 1,60,386-7-0, viz., (1) of Rs. 82,000 from the 5 per cent. Municipal Loans Sinking Fund Cash deposit account to the Tansa Loan deposit account No. 1 on 26th February last ; (2) of Rs. 2,498-14-0 from the 44 lakhs Sanitary Works Loan deposit account to the Municipal General Fund pass book on 25th idem ; (3) of Rs. 1,997-8-0 from the Miscellaneous Works Loan of Rs. 10,08,500 to ditto on ditto ; (4) of Rs. 21,513-1-0 from the 35 lakhs Various Sanitary Works Loan deposit account to ditto on ditto ; (5) of Rs. 2,377-0-0 from the Surplus Cash deposit account to ditto on ditto; and (6) of Rs. 50,000 from the 12 lakhs Drainage and Water Works Loan deposit account to ditto on 27th idem."*

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* The balance remaining to the credit of the above funds, after effecting the above transfers, are (1) Rs. 303-13-9 ; (2) Rs. 6,55,548-10-4 in 4 per cent. Government paper for Rs. 6,70,000 ; (3) Rs. 99,625 in 4 per cent. Government paper for Rs. 1,00,000 ; (4) Rs. 16,54,835-8-0 in 4 per cent. Government paper for Rs. 16,04,100 ; (5) Rs. 20,91,423-4-0 in 4 per cent. Government paper for Rs. 2,69,600 and Municipal Debentures for Rs. 18,12,000; (6) Rs. 3,87,673-5-0, Rs. 1,33,629-9-0 cash and Rs. 2,54,048-12-0 in 4 per cent. Government paper for Rs. 2,55,000.

Considered the Progress Reports, up to the end of December 1891, of new works now in course of construction.*

No. 13806. *Resolved:* "That the progress report of new works in course of construction up to the end of December 1891, be *recorded.*"

No. 13807. *Resolved*: "That with reference to his letters, dated 12th February last and 4th instant, on the subject of his drainage scheme, Mr. Framjee Adcrjee be referred to the letter addressed to him by the Municipal Secretary under No. 10833, dated 5th January last, forwarding for information copy of Mr. Walton's report, dated 25th November 1891."

Read letter No. 28722, dated 8th instant, from the Commissioner, to the Secretary, as under :—

SIR,—With reference to Corporation's resolutions Nos. 12750 and 12751 of 11th ultimo and No. 13315 of 25th idem, I have the honour to request that Mr. Smith's acting appointment may be sanctioned from 6th February to 5th March to enable him and other officers to draw their acting allowances. It would be convenient that Mr. Smith should be appointed Acting Executive Engineer "till further orders."—I have, &c., H. A. ACWORTH, Commissioner.

No. 13808. *Resolved*: "That, as applied for by the Commissioner in his letter No. 28722, dated 8th instant, and with reference to their resolutions No. 9659, dated 3rd December 1891 and No. 13315, dated 25th February 1892, the Corporation be recommended to sanction the appointment of Mr. James W. Smith as Acting Executive Engineer, until further orders.

"That the allowance payable to Mr. Smith should be as per Corporation's resolution No. 13315, dated 25th February 1892."

The following return was read and *recorded* :—

Return of fires at Coliwada (Sewri), DeLisle Road (Worlee), Sholapore Road (Frere Road), Narayan Dhuru Lane, and Colaba (Scott Press), forwarded with the Commissioner's memorandum No. 28210, dated 2nd March 1892.†

The following statement‡ was laid on the table:—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 6th March 1892.

* See Appendix D. † See Appendix E. ‡ See Appendix C.

BOMBAY, *16th March* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; THE HON'BLE MR. JAVERILAL UMIASHANKAR YAJNIK; KAIKHOSRO N. KABRAJI, Esq.; K. M. SIROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHOWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L.M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 9th instant, were signed.

No. 13994. The seal of the Corporation was affixed to deed of contracts (1) with Mr. Bhojabhai Allarakhia for the supply of hay, green grass and rice straw during 1892-93; (2) with Messrs. Bhedwar & Co. for laying cast-iron pipes in Hornby Road and other places; and (3) with Syed Amoor for piece work in laying branch pipe sewers, &c., in 1st Drainage Section.

The seal was also affixed (1) to deed of agreement (in duplicate) between Mr. Hurnundrai Khetsidas and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at Supari Bag Road, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed and at the rate of Rs. 6 per square yard, for any land shown on the plan, to be there taken up from the said Mr. Hurnundrai Khetsidas, inclusive of any loss, damage or expense sustained by him by reason of such acquisition; and (2) to deed of conveyance of exchanged land at Sankli Street, Byculla, between the Corporation and Messrs. David Sassoon & Co. and their assignee, Goolbai and Mr. Rustomjee Hormasjee Jal.

The seal was also affixed (1) to four attested duplicate debentures of the Municipal Loan of 1878 of Rs. 500 each, Nos. 3359 to 3362; (2) to one attested duplicate debenture of the Tansa Water Works Loan of Rs. 500, No. 375; and (3) to one attested duplicate debenture of the Sanitary Works Loan of 1885 of Rs. 500, No. 53 NN.

No. 13995. *Resolved*: "That, as applied for by the Commissioner, in his memoranda Nos. 28937, 28938, 28939, 28940, dated 11th instant, sanction be given,

under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission:—

| Name of Owner. | | Where. |
|---|---|---|
| Messrs. Kamroodin Abdool Rahim and brother ... ... | Building at | No. 48, Parsi Bazar Street. |
| Mr. Ambaram Bhagwan ... | Do. | Currey Road. |
| „ Kutbudin Ameersahib ... | Do. | No. 52, Kamathipura 2nd Lane. |
| „ Shivlal Motilal ... ... | Do. | Haines Road. |

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 29278, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 13996

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 28766, dated 9th instant, sanction be given to the transfer of Rs. 171-3-9, from savings in III, Water Works, Section I, establishment, F, inspection, distribution and waste prevention, Executive Engineer's budget, to same budget, section I, establishment and labour, E, maintenance, to meet overtime wages for repairing bursts of mains and for other urgent work."

No. 13997.

*Resolved*: "That, as recommended by the Commissioner, in his letter No. 28713, dated 8th instant, the Corporation be recommended, under the terms of section 67 (*b*) of the Municipal Act, to sanction the renewal of the lease of the following chawls occupied by biggaries of the Health Department for a period of five years from the undermentioned dates and at the rates given against each such chawl:—Kamathipura chawl, from 1st March 1892, at Rs. 242 a month; Bapty Road Chawl, from 1st March 1892, at Rs. 47 per mensem; Jairajbhai Street Chawl, from 1st June 1892, at Rs. 100 per mensem. The terms to be the same as at present, with the exception that limewashing of the chawls be done by the Municipality."

No. 13998.

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 28720, dated 8th instant, sanction be given, under section 172 of the Act, to a special charge of Rs. 10-12-3, being made against Government (Military Department) for halalkhor service ndered to the troops encamped near the Marine Battalion parade ground on the 11th, 12th and 13th February last."

No 13999.

Read letter No. 28948, dated 11th instant, to the Secretary, as under:—

Sir,—With reference to this office No. 25284, dated 26th January last, I have the honour to forward a copy of the Health Officer's

report and to state that I have, under section 434 of the Municipal Act, authorised the opening of the Municipal Hospital at Arthur Road, and that I have sanctioned the employment of the following establishment :—

| | | | |
|---|---|---|---|
| 2 | Ward boys at Rs. 10 each | Rs. | 20 |
| 1 | Ayah | „ | 10 |
| 1 | Cook | „ | 11 |
| 1 | Sweeper | „ | 11½ |
| 1 | Police Ramosi | „ | 11 |
| | | | 63½ |

Fitting up building ..... Rs. 110
Providing dead stock for the Hospital..... „ 400

I have, &c., H. A. ACWORTH, Commissioner.

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No. 35480.

BOMBAY, 27*th February* 1892.

To THE COMMISSIONER.

SIR,—I have the honour to inform you that the place at the Infectious Diseases Hospital at Grant Road has become now overcrowded and I find it necessary to open the Arthur Road Hospital. The expense of fitting it is estimated at Rs. 110, for which I request the favor of your sanction. There are in all 42 patients now at the Grant Road Hospital.—T. S. WEIR, Health Officer.

*Resolution* : "That the following be forwarded to the Corporation in continuation of the resolution of the Committee, No. 11876, dated 27th January 1892 :—Letter No. 28948, dated 11th instant, from the Commissioner, forwarding report from the Health Officer on the subject of the Arthur Road Hospital, and stating that under Section 434 of the Municipal Act, he (the Commissioner) has authorised the opening of the Hospital."

No. 14000.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 29024, dated 12th instant, and in lieu of the resolution of the Town Council, No. 2246, dated 8th February 1888, sanctioning the payment of compensation in respect of 29·59 yards of land at Mazagon at the rate of Rs. 10 per square yard to Mr. Mia Abdool Mia H. Ahmed Khandwani, sanction be now given to the payment of such compensation to Haji Meeya Ahmed Ismail Khandwani."

No. 14001.

Proposed by Mulji Bhowanidas Barbhaya, Esq., seconded by Hurkissondas Nurrotamdas, Esq.—

"That the following be referred to the Commissioner, with a request that he will enter into negotiations with Government respecting the acquisition

No. 14002.

of the land :—Resolution of the Corporation, No. 13967, dated 10th instant, as under :—

"'That letter No. 27897, dated 26th February last, (on the subject of the acquisition of 185½ acres of land at Chimbur for the deposit of town sweepings) be referred to the Standing Committee for report on all the questions raised in the letter.'"

*Carried.*

No. 14003. *Resolved*: "That the consideration of Government letter No. 472, General Department, dated 13th February 1892, on the subject of the banking of Municipal funds, be postponed till next meeting."

Read letter No. 28999, dated 11th instant, from the Commissioner, to the Secretary, as under :—

SIR,—With reference to the Standing Committee's resolution No. 8721, of the 11th November last, I have the honour to forward herewith a plan showing the names of the owners of the ground at Arthur Road, and to state that the cost of filling in the Municipal ground will be about Rs. 30,250. As the amount is very large, I would not recommend its being filled up now. It would also not be advisable to take action against the adjoining owners until we fill in our own ground.—I have, &c., H. A. ACWORTH, Commissioner.

Memorandum No. 36146, dated 5th instant, from the Health Officer, to the Commissioner:—

I have no doubt that it will be a very good thing to have this low ground filled in, but it seems to me that the enormous cost precludes any action being taken, and unless the Municipality were first to fill in their own ground, I do not think we can ever call upon the adjoining owners to do so. There has been delay in disposing of this reference, because the plan was sent back to the Engineer's Department for amendment.—T. S. WEIR, Health Officer.

Proposed by K. M. Shroff, Esq., seconded by Cowasjee Hormusjee, Esq.—

No. 14004. "That the Commissioner be requested to take the necessary steps, under section 381 of the Act, for the filling in to the road level of the plot of ground standing in the name of Mr. Balkrishna Narayen, and shewn in the plan* under the number 3425, situate between the southern end of the temporary hospital and Jacob's Circle."

*Carried*, by a majority.

* Filed in the supplement to Minute Books marked A.

*Resolved*: "That the following be forwarded to the Commissioner for any action he may think necessary :—

No. 14005.

"Letter dated 25th ultimo, from Messrs. Fletcher Bros. & Co., on the subject of the supply of disinfectants to the Municipality.

"That Messrs. Fletcher be informed that the articles tendered by their agents, namely, Fletcher's disinfectants, had not been advertised for by the Municipality, the stores for which tenders were invited being 'Calvert's' Carbolic acid and powder.

"That Messrs. Fletcher be further informed that the letter has been passed on to the Municipal Commissioner, the executive officer, to whom if they wish it, they can apply."

*Resolved*: "That the following be forwarded to the Commissioner for favour of remarks :—Memorandum from the Municipal Secretary, forwarding letter, dated 10th instant, addressed to the Corporation by Mr. Noor Mahomed Gangji, complaining of the manufacture of tallow and the adulteration of ghee with tallow in Bombay."

No. 14006.

*Resolved*: "That the following be forwarded to the Commissioner for disposal and that the applicant be informed accordingly :—Letter, dated 10th instant, from Mr. Dayal Bhimji, complaining of the action of the Executive Engineer's Department in regard to the rebuilding of part of his chawl in Trimbak Pursharam Street."

No. 14007.

*Resolved*: "That the following be forwarded to the Commissioner for favour of remarks :—Letter, dated 9th instant, from Messrs. Pandurang Mulajee, Harichund Babaji and others, complaining of the want of pure water supply in Coombharwada Street, Lower Mahim."

No. 14008.

*Resolved*: "That the following be forwarded to the Commissioner for favour of remarks and that the applicant be informed accordingly :—Memorandum from the Municipal Secretary, forwarding letter, dated 14th instant, addressed to the Corporation, by Mr. G. S. Gadgil, complaining that an alteration is being made by way of the removal of a brick wall of a building at Sheik Memon Street within the set-back line and that no notice is taken of it by the Municipality."

No. 14009.

*Resolved*: "That the following be laid on the table :—

No. 14010. Letter, dated 14th instant, from Messrs. Ardeseer Framji Moos and Nanabhai R. Ranina, stating that they have audited the weekly statement of receipts and disbursements at the end of each week for the month of February last, and compared them with the ledgers and journals and found them correct. Forwarding summary and statements of their scrutiny of accounts."

*Resolved*: "That the following be *recorded* :—Memo-

No. 14011. randum No. 28669, dated 8th instant, from the Commissioner, forwarding analyses of water as under :—

*Sample of unfiltered Vehar water obtained from the settling basin of the Bhandarwada Hill Reservoir, on 29th February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·04 |
| Albumenoid Ammonia | ·12 |

*Sample of unfiltered Tulsi water obtained from the inlet well, Malabar Hill Reservoir, on 29th February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·03 |
| Albumenoid Ammonia | ·14 |

*Sample of filtered Tulsi water obtained from the distributing Tank Malabar Hill Reservoir, on 29th February* 1892.

| | Parts per mille. |
|---|---|
| Free Ammonia | ·005 |
| Albumenoid Ammonia | ·11 |

The following statement * was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 13th March 1892.

The Commissioner informed the Committee that it had been now proved by trial that the Tansa duct was capable of discharging 21 millions of gallons daily, instead of 17 millions, or 4 million gallons more than the quantity promised.

No. 14012. Considered the list of Outstanding Business (1st March 1892).

Item No. 4.—The Acting Commissioner asked to furnish information in regard to the ownership of the two plots of low-lying ground—(1) on the north of the Hospital for Contagious Diseases at Arthur Road, between DeLisle and Arthur Roads, and (2) on the south of the said hospital ; and should one of the two plots belong to the

* See Appendix E.

Municipality, the Commissioner was requested to furnish an estimate of the cost of filling it in, and to take steps to have the other filled in (11th November 1891).

*Struck out*, the report having been presented and disposed of this day.

Item No. 5.—The Commissioner asked under whose orders does the present fish market exist on the Chowpati sea-shore and whether any license has been granted under section 394 of the Municipal Act, and the Commissioner asked to take steps for the removal of this market on the ground that it is a nuisance to the hundreds of citizens using that locality for recreation (25th November 1891).

*Struck out*, the report having been presented and disposed of last week.

Item No. 9.—The Commissioner asked to lay before the Committee at an early date proposals with a view to dispose of the Pawai pumps and engines (27th January1892.)

*Struck out*, the report having been presented and disposed of last week.

Item No. 10.—Letter, dated 12th February 1892, from Mr. Framji Adarji, on the subject of his drainage scheme. It was agreed that the letter be circulated and brought on for consideration at a future meeting (17th February 1892.)

*Struck out*, the question having been disposed of last week.

Item No. 12.—Letter No. 27200, dated 20th February 1892, from the Commissioner, on the subject of drawbacks under section 158 of the Municipal Act. Consideration postponed until next week to allow of the presence of the Solicitors to the Corporation (24th February 1892).

*Struck out*, the question having been disposed of last week.

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BOMBAY, 23*rd March* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I C.E., *Chairman*.
COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISSONDAS NURROTUMDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJEE, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R.E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.
H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 16th instant, were signed.

No. 14181. The seal of the Corporation was affixed to deed of contract with Mr. Khimji Valabdass for the supply of grain, &c., for the year 1892-93. The seal was also affixed to deed of agreement (in duplicate) between

Haji Abd Sutar Haji Omar and the Corporation, securing to the Corporation the right to acquire at any future time the set-back of property situated at No. 50, Chinch Bunder Street, without payment of any compensation in respect of the unauthorised work indicated on the plan annexed to the deed, or of any further work which may hereafter be added to the said building, and at the rate of Rs. 30 per square yard, for any land shown on the plan, to be there taken up from him, inclusive of any loss, damage or expense sustained by him by reason of such acquisition.

The seal was also affixed to (1) 3 attested duplicate debentures, Nos. 1256, 1258 and 1690 N.N., of the Sanitary Works Loan of 1885, of Rs. 500 each ; (2) to 5 consolidated debentures, Nos. 1668-75 N.N. (Rs. 4,000), 2210-29 N.N. (Rs. 10,000), 2230-59 N.N. (Rs. 15,000), 2402-9 N.N. (Rs. 4,000), 2387-88 N.N. (Rs. 1,000) ; and (3) 1 ditto Nos. 391-400 of the Tansa Water Works Loan of Rs. 5,000.

No. 14182. *Resolved* : "That, as applied for by the Commissioner, in his memoranda No. 29162, dated 15th instant, and Nos. 29313, 29314, 29315, and 29316, dated 17th idem, and Nos. 29531, 29532, 29533, and 29534, dated 18th of the same, sanction be given, under section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. | |
|---|---|---|
| Mr. Vagji Kanji ... ... ... | Building at | Gunpowder Road. |
| „ Lakhmishanker Ishwar ... | Do. | Queen's Road. |
| „ Hormusji Cursetji Ashburner or the owner of the Stable... | Do. | Tardeo Road. |
| „ Rama Amruta Pana ... ... | Do. | Dadar Road. |
| „ Hariba Cashiram Khairakher... | Do. | Charni Road. |
| „ Dayal Bhimji ... ... ... | Do. | Trimbuck Parashram Street. |
| „ Dadoba Ramchandra ... ... | Do. | Dadar, Portuguese Church Road. |
| „ Ardeshir Kavasha ... ... | Do. | Dharavi Road. |
| „ Purshotum Shrikrishna ... | Do. | Carroll Road." |

No. 14183. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 29884, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 14184. *Resolved* : That, as applied for by the Commissioner, in his memorandum No. 29536, dated 19th instant, sanction be given to the transfer of Rs. 270

from savings in section III, repairing and altering miscellaneous drains and gutters, A, Miscellaneous Drains, Executive Engineer's budget, to section II, A, Miscellaneous Drainage Establishment, inspecting manholes and sewers and cleaning miscellaneous drains and gutters, to meet excess on the latter head due to the cost of cleaning the silt out of the channel in the storm water reservoir having to be met out of this grant."

No. 14185. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 29854, dated this day, sanction be given to the transfer of Rs. 79-6-0 from the grant for water supply to the Bazaar Gate Street Garden, to meet excess on the grant for water supply to the garden on the Flats."

No. 14186. *Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 29684, dated 21st instant, sanction be given to the transfer of Rs. 250 from savings in section 2, coal, D, maintenance of Carnac Bunder night-soil pumping station, to section 2 of the same, repairs to machinery, &c., D, maintenance to meet excess due to extensive though necessary repairs to machinery executed during the year."

No. 14187. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 29651, dated 21st instant, sanction be given to the payment of conveyance allowance of (1) Rs. 50 to Mr. Chaves, Inspector, Water Works, F Ward, who has been appointed Acting Superintendent of Maintenance Branch in place of Mr. Watson, temporarily appointed Superintendent of Workshops ; and (2) Rs. 20 to Mr. Kasinath Dewjee, Inspector, G Ward, who has to do the work of F Ward, in addition to his own duties. The latter amount to be met out of the Budget provision for the salary of the Superintendent, Workshops."

No. 14188. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 29274, dated 16th instant, the Corporation be recommended to sanction an agreement being entered into with the Bombay Telephone Company for working the Municipal connections for a period of three years from the 1st proximo. That under the terms of section 72 (3) of the Municipal Act, the Committee dispense with the invitation for tenders which would otherwise be necessary as the Company is the only Agency that exists in Bombay for the working and maintenance of telephones."

No. 14189. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 29486, dated 18th instant, sanction be given to the acceptance by him of the offer of the Manager, Gas Company, to supply gas coke for the year 1892-93 at Rs. 19-8-0 per ton.

"That, under the terms of section 72 (3) of the Municipal Act, the Standing Committee dispense with the invitation for tenders for such supply which would otherwise be necessary, as the company are the only manufacturers of coke in Bombay and as the rate tendered is lower than that for the current year."

No. 14190. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 29542, dated 19th instant, sanction be given to the acceptance by him of the tender of Messrs. Heptoola Shaik Adam & Co., the lowest of four tenders received, for the supply of 1,000 casks of cement at Rs. 7 per cask of $3\frac{1}{2}$ cwts. net.

"That, as the cement is required for the drainage works now in progress, the Corporation be recommended to sanction its payment by an advance of Rs. 8,000 from surplus cash balance to be adjusted hereafter against the grants for works on which the cement may be used." *

No. 14191. *Resolved* : "That, with reference to the Committee's resolution No. 13797, dated 9th instant, the following be *recorded* :—Letter No. 29485, dated 18th instant, from the Commissioner, reporting that he has sanctioned the purchase of 150 tons of West Hartley coal at Rs. 16 per ton delivered at the Municipal Workshops, from Messrs. Brooks & Co., the coal being required for Workshops and for steam rollers."

No. 14192. *Resolved* : "That as applied for by the Commissioner, in his letter No. 29544, dated 19th instant, the Committee approve, under section 407 (*b*) of the Municipal Act, of the sale of the undermentioned rights for collecting squatters' fees at the different Municipal Markets and feeding and fair ground fees at the Municipal Slaughter Houses at Bandora for 12 months, from 1st April 1892 to 31st March 1893—*viz.*, Arthur Crawford Fish and Mutton Market, to Haji Ahmed Aboo, for Rs. 7,300; Erskine Road Fish and Mutton Market, to Haji Ahmed Aboo, for Rs. 17,250 ; Pedder Market, to Dewraj Somji, for

* Reserved for probable extra grants up to the end of current financial year Rs. 79,708; amount already sanctioned Rs. 31,875-6-0 ; amount recommended for sanction Rs. 1,095 ; amount available Rs. 47,232-10-0.

Rs. 1,525 ; Bandora Slaughter Houses fair ground and feeding fees, to Haji Noor Mahomed Haji Majoola and Co., for Rs. 55,100. Arthur Crawford Market scales to Rahimanbhai Husenbhai, for Rs. 4,200. Total Rs. 85,375.* That, as the offer for collecting similar fees at the Fort Market was rather low, and if no higher offer is received, the Committee approve of the fees being collected departmentally in the said market."

No 14193. *Resolved* : "That the following be *recorded* :—Letter No. 29580, dated 18th instant, from the Commissioner, reporting the sale by auction of the following rights for one year ending 31st March 1893:—

"(*a*). For fishing in the Warli channel and sluices and Mingutmandli tank to one Pudma Budia for Rs. 475.

"(*b*). For fishing in Dharavi sluices to one Bhoka Budia for Rs. 30."†

No. 14194. *Resolved* : "That, as applied for by the Commissioner, in his letter No. 29487, dated 18th instant, sanction be given, under sections 211 and 517 (*j*) of the Municipal Act, to a suit being filed in the Court of Small Causes against Mr. Lakmidas Purshotum for the recovery of Rs. 670-5-8, being the amount of bills due by him for general, water, halalkhor and wheel taxes and notice fees per list submitted with the letter."

No. 14195. *Resolved* : "That the further consideration of the following be postponed till next week :—Resolution of the Corporation, No. 13965, dated 10th instant, as under :—

"'That Government letter No. 472, General Department, dated 13th February 1892, on the subject of the banking of the Municipal Funds, be referred to the Standing Committee and the Commissioner for remarks.'"

Letter No. 29576, dated 19th instant, from the Commissioner, on the subject.

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* The amounts realised last year were as follows :—

| | | |
|---|---|---|
| Arthur Crawford Fish and Mutton Markets ... ... ... ... | Rs. | 7,400 |
| Erskine Road Fish and Mutton Markets ... ... ... ... | „ | 1,150 |
| Pedder Market... .. ... ... ... ... ... ... | „ | 1,575 |
| Bandora Slaughter Houses fair ground and feeding fees ... | „ | 57,100 |
| Arthur Crawford Market Scales ... ... ... ... ... | „ | 4,500 |
| | | 87,725 |

† The amounts realised last year were as follows :—(*a*) Rs. 500, (*b*) Rs. 30.

*Resolved* : "That the Corporation be recommended to inform Mr. Genajee Wakjee Suratt, in reply to his letter, dated 27th February last, that the hole in the slab-stone over the storm water drain in front of his shop in Junjiker Street has been filled up, and that the Executive Engineer's Department reports that, it is believed, no further cause for complaint will arise in the matter." No. 14196.

*Resolved* : "That the following be forwarded to the Commissioner in continuation of the resolution of the Committee, No. 14009, dated 16th instant :—Memorandum from the Municipal Secretary, forwarding further letter, dated 21st instant, addressed to the Corporation, by Mr. G. S. Gadgil, inviting attention to his former communication on the subject of alterations which are being made to a house in Sheik Memon Street." No. 14197.

The following return was read and *recorded* :—

Return of fires at Chinchpoogli Lane (Arthur Road), Ripon Road, French Bridge (Chowpati), Kala Chowkey Road (Western India Mill), Huzara Molla, Dadar, Tardeo, Ripon Road, Chakla Street, Pirkhan Lane (Bellasis Road), Nakhoda Street, Kamathipura 10th Street, and Clarke Bunder (Mazagon), forwarded with the Commissioner's memoranda Nos. 29186 and 29152, dated 15th and 21st March 1892.*

The following statement† was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 20th March 1892.

*Resolved* : "That the following be *recorded* :—Letter No. 29829, dated 22nd instant, from the Commissioner, reporting that he has sold the right of removing mango and chikoo crops from the Victoria Gardens for the next year as under :— No. 14199.

"(*a*) For removing mangoes from 84 trees to one Kurson Govind for Rs. 370.

"(*b*) For removing chikoo and buckowlee fruits from 2 trees to one Ganoo Tukaram for Rs. 40."‡

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 29920, dated this day, and in lieu of the resolution of the Committee, No. 14200.

* *See* Appendix E. † *See* Appendix C.

‡ The amounts realised last year were for (*a*) Rs. 250 and (*b*) Rs. 40.

No. 1995, dated 20th May last, sanctioning the levying of the compounded sum of Rs. 279-8-0, under section 185 of the Act, against ward Nos. 3839—3842, E Ward, owner Ali bin Umar, sanction be now given to the said amount being increased to Rs. 279-8-0, owing to Ward Nos. 3844 and 3845 having been added to Ward Nos. 3839 and 3842 and used for the accommodation of 36 horses."

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BOMBAY, 30*th March* 1892.

AT the meeting of the Standing Committee held this day, there were present :—

E. B. CARROLL, Esq., M.I.C.E., *Chairman.*

ABDALLA M. DHARAMSI, Esq., B.A., LL.B.; COWASJEE HORMUSJEE, Esq., G.G.M.C.; THE HON'BLE MR. FAZULBHOY VISRAM; HURKISONDAS NURROTUMDAS, Esq.; JAVERILAL UMIASHANKAR YAJNIK, Esq.; KAIKHOSRO N. KABRAJI, Esq.; K. M. SHROFF, Esq.; COLONEL G. L. C. MEREWETHER, R. E.; MULJI BHAWANIDAS BARBHAYA, Esq.; A. G. VIEGAS, Esq., L. M. & S.; COLONEL W. H. WILSON.

H. A. ACWORTH, Esq., C.S., Commissioner; and the SECRETARY.

The minutes of the meeting held on the 23rd instant, were signed.

No. 14598. The seal of the Corporation was affixed to deeds of contract (1) with Mr. Hasanally Abdoolally for the supply of stationery for the year 1892-93, and (2) with Mr. Amruta Babaji for the supply of earth during 1892-93.

The seal was also affixed to—(1) 1 attested duplicate debenture No. 969 of Municipal Loan of 1878, of Rs. 500; (2) 20 consolidated debentures, Nos. 945-62 (Rs. 9,000), Nos. 1038-55 (Rs. 9,000), Nos. 1139-52 (Rs. 7,000), Nos. 1173-92 (Rs. 10,000), Nos. 1193-1211 (Rs. 9,500), Nos. 1216-35 (Rs. 10,000), Nos. 1236-45 (Rs. 5,000), Nos. 1278-97 (Rs. 10,000), Nos. 1298-1317 (Rs. 10,000), Nos. 1318-27 (Rs. 5,000), Nos. 4805-24 (Rs. 10,000), Nos. 4825-34 (Rs. 5,000), Nos. 5090-5109 (Rs. 10,000), Nos. 5110-29 (Rs. 10,000), Nos. 5130-49 (Rs. 10,000), Nos. 5150-69 (Rs. 10,000), Nos. 5170-88 (Rs. 9,500), Nos. 5219-38 (Rs. 10,000), Nos. 5239-58 (Rs. 10,000), Nos. 5259-77 (Rs. 9,500).

No. 14599. *Resolved* : "That, as applied for by the Commissioner, in his memoranda Nos. 30077 and 30078, dated 25th instant, sanction be given, under the terms of section 351 (2) of the Municipal Act, to the removal of the following structures built without permission :—

| Name of Owner. | Where. |
|---|---|
| Mr. Sooban Momin ... ... | Building at Clare Road. |
| Haji Karimally Hajibhoy ... ... | Do. at DeLima Street." |

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 30367, dated this day, sanction be given to the cutting off of water connections as per list submitted therewith."

No. 14600.

*Resolved* : "That the following be *recorded* :—Letter No. 30156, dated 26th instant, from the Commissioner, reporting, under section 69 (*d*) of the Act, that he has accepted the tender of Messrs. H. Cassum & Co. for the supply of clothing for the Water Works staff, at the rate of Rs. 17-4-0 for a set of two suits of khaki duck and one red turkey cap ; also two turkey red caps at Re. 1-12-0 each. The cost, Rs. 1,228-4-0, to be debited to Water Works contingent grant for 1892-93."

No. 14601.

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 30137, dated 26th instant, sanction be given to the acceptance by him of the tender of Messrs. Vishnu Narsingrao & Co., the lowest of ten tenders received, for the construction of pipe sewers in Parel village main road and Government House Road, Parel, at schedule rates, aggregating Rs. 43,247. The amount to be debited to the grant of Rs. 77,603 sanctioned by the Corporation in their resolution No. 11358 of 14th January last."

No. 14602.

Proposed by Cowasjee Hormusjee, Esq., seconded by Mulji B. Barbhaya, Esq.—

"That, as applied for by the Commissioner, in his letter No. 30154, dated 26th instant, sanction be given to the payment of a compassionate allowance of Rs. 106-8-0 to Dewoobai, widow of the late Dhondo Rama, peon in the Commissioner's office.

No. 14603.

"The amount to be met out of the grant for pensions, gratuities and compassionate allowances."

*Carried.*

*Resolved* : "That, as applied for by the Commissioner, in his letter No. 30155, dated 26th instant, the Committee approve, under section 230 of the Municipal Act, of an order in writing being issued to Mr. Bezonji Navroji Godadalal, authorising him to cause his drain to empty into the Municipal drain in Mr. M. C. Mehta's property in Khetwady Main Road by carrying the drain into, through or under the land belonging to Mr. Mehta thereat, as shown on the plan marked A, dated this day, accompanying the said letter and filed in supplement to Minute Book of 1892."

No. 14604.

*Resolved* : "That, as applied for by the Commissioner, in his memorandum No. 30115, dated 25th instant, the Corporation be recommended to authorise the Commissioner, the Standing Committee and the Secretary to sign cheques for the following expenditure not separately provided for in the budget for 1892-93, as advances to be subsequently adjusted against Budget grants or by cash recoveries :— Advances to Municipal officers, Rs. 15,000. Private and departmental work, Rs. 1,00,000. Carbolic acid powder and disinfectants, &c., Rs. 25,000. Printing and stamping building and repairs certificates and water connection forms, Rs. 2,000. Purchase of stores for Water Works maintenance, new works, sales, &c. (including the value of surplus pipes, &c., to be transferred from the Tansa Works), Rs. 2,00,000." No. 14605.

The consideration of the following was postponed for a fortnight :—Resolution of the Corporation, No. 13965, dated 10th instant, as under :—

"That Government letter No. 472, General Department, dated 13th February 1892, on the subject of the banking of the municipal funds, be referred to the Standing Committee and the Commissioner for remarks."

Letter No. 29576, dated 19th instant, from the Commissioner, on the subject.

*Resolved* : "That Mr. Saisha R. Naidoo be informed, in reply to his letter, dated 24th November last, that the erection of a cattle-trough in the close vicinity of the Arthur Crawford Markets would be objectionable, but that the Corporation might be recommended to allow a site for the purpose at the junction of Hornby and Paltan Roads." No. 14606.

*Resolved* : "That the Corporation be recommended to inform Mr. Hurry Rowji that his application, dated 21st instant, complaining that he cannot obtain a license for casting metal, has been forwarded to the Commissioner for disposal." No. 14607.

The following statement* was laid on the table :—

Statement of the height of water in the Vehar, Tulsi, Pawai and Tansa Lakes for the week ending 27th March 1892.

* *See* Appendix C.

Proposed by Colonel Merewether, seconded by Mulji B. Barbhaya, Esq.—.

"That, as recommended by the Commissioner, in his letter No. 30371, dated this day, the Corporation be recommended to sanction the leasing to the Mint Master of a portion of the footpath on Ballard Road for the erection of 2 chowkies for Police Ramosees, for the protection of the mint premises, on payment of an annual rental of Rs. 13-5-5, the chowkies to be removeable at 3 months' notice."

No. 14608.

*Carried* (one against).

*Resolved*: "That, as applied for by the Commissioner, in his letter No. 30378, dated this day, and with reference to the Standing Committee's Resolution No. 14192, dated 23rd instant, the Committee approve, under section 407 (*b*) of the Municipal Act, of his accepting the offer of Rs. 1,600 made by Mr. Mahadoo Babaji for collecting squatters' fees in the Fort Market during 1892-93."*

No. 14609.

*Resolved*: "That, as applied for by the Commissioner, in his memorandum No. 30368, dated this day, and subject to the approval of the Corporation under section 133 of the Act, sanction be given to the transfer of Rs. 4,260-10-9 from savings in the Executive Engineer's budget, streets and buildings, cart hire and labour, including road scraping, to same head, road repairs, section V, stores and contingencies, to meet the cost of hand water carts for road repair work."

No. 14610.

H. WYNFORD BARROW,
Municipal Secretary.

STANDING COMMITTEE OFFICE,
BOMBAY, *April* 1892.

* The amount realized last year was Rs. 1,820

# Appendix A.

## MUNICIPAL FINANCE,

1885-86, compared with 1891-92.

### REVENUE.

| | | Per cent. |
|---|---|---|
| The Revenue Proper in 1885-86 was | Rs. 31,54,054 | |
| The Estimates for 1891-92 are | „ 38,56,115 | |
| Increase... | Rs. 7,02,061 | = 22 |
| The Halalcore and Water Cess in 1885-86 was | Rs. 9,82,156 | |
| The Estimates for 1891 92 are | „ 17,68,760 | |
| Increase... | Rs. 7,86,604 | = 80 |
| The total Revenue in 1885-86 was | Rs. 41,36,210 | |
| The Estimates for 1891-92 are | „ 59,09,675 | |
| Increase... | Rs. 17,73,465 | = 42 |
| The average of actual Revenue proper for the 5 years ended 1889-90, for which there are complete accounts, is | Rs. 36,45,977 | |
| The Estimates for 1891-92 are | „ 38,56,115 | |
| Therefore the Increase over 5 years' average is.. | Rs. 2,10,138 | = 6 |
| The average of actual Water and Halalcore Cess for the 5 years ended 1889-90, for which there are complete accounts, is | Rs. 12,56,603 | |
| The Estimates for 1891-92 are | Rs. 17,68,760 | |
| Therefore the increase over 5 years' average is.. | Rs. 5,12,157 | = 40 |
| The average of actual Total Revenue for the 5 years ended 1889-90 is | Rs. 49,02,580 | |
| The Estimates for 1891-92 are | „ 59,09,675 | |
| Therefore the Increase over 5 years' average is... | Rs. 10,07,095 | = 20 |

### EXPENDITURE.

| | | Per cent. |
|---|---|---|
| The total Expenditure in 1885-86 was | Rs. 39,77,034 | |
| The Estimates for 1891-92 are | „ 61,58,371 | |
| Increase... | Rs. 21,81,337 | = 55 |
| The average of total Expenditure for 5 years ended 1889-90, for which there are complete accounts, is... | Rs. 48,41,928 | |
| The Estimates for 1891-92 | „ 61,58,371 | |
| Therefore the Increase on 5 years' average is... | Rs. 13,16,443 | = 27 |

The Expenditure under the three following heads compare thus :—

| Heads. | 1885-86 | Estimates, 1891-92. | Increase over 1885-86. | Percentage of Increase. | Average of 5 years ended 1889-90. | Increase in Estimates of 1891-92 over 5 years' average. | Percentage of Increase over 5 years' average. |
|---|---|---|---|---|---|---|---|
| Public Health. | 9,99,322 | 14,26,279 | 4,26,567 | 42 | 10,88,345 | 3,37,934 | 31 |
| Public Works. | 9,64,842 | 17,29,298 | 7,64,456 | 79 | 12,00,076 | 5,29,222 | 44 |
| Municipal Debt. | 7,87,527 | 18,08,252 | 10,20,725 | 130 | 13,96,917 | 4,11,335 | 30 |

### SUMMARY.

| | | |
|---|---|---|
| Since 1885-86 the growth of the Revenue is equal to | 42 | Per cent. |
| „ „ „ „ Expenditure „ | 55 | „ |
| The Estimated Revenue for 1891-92, compared with the actual average of the 5 years ending 1889-90, exceeds by | 20 | „ |
| The Estimated Expenditure, 1889-90, exceeds by | 27 | „ |
| Since 1885-86 the growth of Public Health Expenditure is equal to | 42 | „ |
| Since 1885-86 the growth of Public Works Expenditure is equal to | 79 | „ |
| Since 1885-86 the growth of Municipal Debt. Expenditure is equal to | 130 | „ |

*Bombay, 16th April* 1891.

DINSHAW EDULJI WACHA.

*Five years' Comparative Statement of Revenue and Expenditure, 1885-86 to 1889-90.*

| Years. | Revenue. | Expenditure. | Surplus. | Deficit. | Closing balance. |
|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 1885-86 | 41,36,210 | 39,77,034 | 1,59,176 | ..... | 6,78,000 |
| 1886-87 | 49,01,815 | 41,76,362 | 7,25,458 | ..... | 10,60,000 |
| 1887-88 | 51,66,530 | 58,12,690 | ..... | 6,46,160 | 9,48,658 |
| 1888-89 | 49,66,192 | 52,01,258 | ..... | 2,35,066 | 8,80,972 |
| 1889-90 | 53,42,170 | 50,42,405 | 2,99,765 | ..... | 14,43,446 |
| | | | 11,84,394 | 8,81,226 | |

*N. B.*—In deference to the statement of the Municipal Commissioner, I have deducted from the receipts side of 1885-86 the sum of Rs. 2,47,760, which is stated in the Chief Accountant's Report (*vide* p. 52 of the Administration Report) to be the "arrears for and prior to 1884-85," on account of property rates; though I consider the deduction of this *entire* amount to be somewhat unfair. My reason is this. The amount of consolidated rates recorded on the Revenue side of each successive year since 1885-86 includes *arrears*. In fact arrears of one year are invariably given credit for in another, namely, in the accounts of the year in which they are collected. These outstandings may be large or small. But I contend that the principle on which I am asked to deduct such arrears from 1885-86 is unsound. The only arrears which could be *fairly* deducted from the revenues for that year are those of the Port Trustees. Their amount is only Rs. 61,190, thus:

| | |
|---|---|
| In 1884-85 credit was taken for ... ... ... ... ... | Rs. 1,00,000 only. |
| Balance on account of Contribution as re-arranged by Government was ... ... ... ... ... ... ... ... ... ... | ,, 61,190 |
| | 1,61,190 |

In 1885-86 the *entire* amount of Rs. 1,61,190 is credited. Thus the whole amount credited in the account of that year is Rs. 61,190+1,61,190=2,22,380 (*Vide* Revenue Statement A of Administration Report, 1885-86, page 3.)

It is superfluous to observe that if Rs. 61,190 are only deducted, as I contend, instead of Rs. 2,47,760, the growth of the percentage of revenue would be 36 instead of 42; while the growth over the quinquennial period would equal 19 per cent only.

D. E. W.

*Estimates 1890-91 and 1891-92.*

| Years. | Revenue. | Expenditure. | Surplus. | Deficit. |
|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. |
| 1890-91 | 55,47,300 | 59,40,194 | ..... | 3,92,894 |
| 1891-92 | 59,09,675 | 61,58,371 | ..... | 2,48,696 |
| | | | | 6,41,590 |

## Appendix B.

# Health Officer's Report for the First Quarter of 1891.

ALTHOUGH the health of the City during this quarter has not been as favourable as in the preceding months, the mortality has been less than in the corresponding quarter of the last year. Exclusive of still-born, 5,706 deaths were registered, being 764 more than in the preceding quarter, but 354 less than in the corresponding quarter of the last year. The death rate is equal to 28·17 on the approximate population of 1891.

Examining the statistics according to place of birth, we find that 3,114 persons, including still-born, were born in Bombay, 2,859 were born out of Bombay, and that the place of birth of 67 persons could not be ascertained.

The Fever mortality is 254 more than in the last quarter, but 438 less than in the corresponding period of the last year, and 48 less than the average of the preceding five years. Of the total deaths from Fevers, 1,329 were referred to Remittent Fever, being 209 more than in the last quarter and 350 less than in the corresponding months of the last year, 207 were ascribed to Simple Continued Fever, being 36 more than in the last quarter, but 73 less than in the corresponding period of the last year; 86 were ascribed to Ague, being 8 more than in the last quarter, but 11 less than in the corresponding period of the last year; 2 were referred to Enteric Fever. In all, 1,624 deaths were ascribed to Fevers.

The mortality from Small-pox is 14 more than in the last quarter and 53 less than in the corresponding months of the past year.

From Measles 140 deaths were registered, being 114 more than in the preceding quarter and 59 more than in the corresponding period of the last year.

The mortality from Cholera is 2 less than in the last quarter and 58 less than in the corresponding period of the last year. There were 11 cases, of which 6 proved fatal.

The deaths from diseases of the Respiratory System were 310 more than in the last quarter and 77 more than in the corresponding period of the last year. 1,143 deaths were registered under the head of diseases of the Respiratory System; of these 697 were ascribed to Bronchitis, being 199 more than in the last quarter and 86 more than in the corresponding quarter of the last year. 286 were referred to Pneumonia, being 101 more than in the last quarter, but 31 less than in the corresponding period of the last year.

From diseases of the Digestive System, 461 deaths were registered, being 19 less than in the last quarter and 70 less than in the corresponding quarter of the last year. To Diarrhœa 204 deaths were referred, being 19 less than in the last quarter and 35 less than in the corresponding period of the last year. To Dysentery 124 deaths were due, being 1 less than in the preceding quarter and 9 less than in the corresponding period of the last year. To all other diseases of the Digestive System, 133 deaths were referred, being 1 more than in the last quarter, but 26 less than in the corresponding period of the last year.

To affections of the Nervous System, 512 deaths were ascribed, being 22 more than in the last quarter and 46 more than in the corresponding period of the last year.

The mortality from Phthisis is 21 more than in the last quarter, but 25 less than in the corresponding period of the last year.

From diseases of the Generative System, 61 deaths were registered, being 12 more than in the last quarter and 2 more than in the corresponding period of the last year.

To diseases of the Circulatory System, 40 deaths were referred, being 10 less than in the last quarter and 12 less than in the corresponding quarter of the last year.

There were 40 deaths registered under the head of Leprosy, being 20 more than in the last quarter and 31 more than in the corresponding period of the last year.

After coming back from leave I had to remove a number of lepers from the Leper Dharmashálá, Byculla. They were nearly all in states of loathsome putridity and even loathsome to other lepers less offensive. I do not know any measure in recent years in Bombay which has received so much sympathy as the removal of lepers. From all classes we receive assistance and sympathy and information of poor lepers. One effect of the segregation of lepers is an improved registration of death causes, and hence deaths from leprosy are now registered as being due to the true cause instead of being referred as formerly so often to fever, exhaustion and debility or even to suicide. The organization of the Leper Hospital is excellent, and I have had little to do but to continue the excellent system I found adopted by Dr. Kirtikar and by Dr. Choksy.

To the general affection, Dropsy, 53 deaths were ascribed, being 29 more than in the last quarter and 25 more than in the corresponding three months of the last year.

16 deaths were registered under the head of diseases of the Urinary System, being 3 more than in the preceding quarter and 3 more than in the corresponding period of the last year.

APPENDICES.

From diseases of the Organs of Locomotion and Cellular Tissue, 18 deaths were registered, being 2 less than in the last quarter and 5 less than in the corresponding period of the last year.

To diseases of the Cutaneous System, 4 deaths were referred.

The number of premature births is 7 more than in the corresponding period of the last year. Nine were registered.

The deaths from Old Age and Debility were 64 more than in the last quarter, but 14 less than in the corresponding period of the last year.

The deaths from Accidents and Violence amounted to 104, being 6 less than in the last quarter, but 15 more than in the corresponding period of the last year; 19 deaths were ascribed to Poisoning, being 8 more than in the corresponding period of the last year; of the deaths from poisoning, 6 were suicidal, 8 accidental, and 5 homicidal. The deaths from drowning were 6 more than in the last quarter and 8 more than in the corresponding quarter of the last year; 8 were suicidal and 10 accidental, and in three instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the City is shown below :—

| | Per 1,000 of Population. |
|---|---|
| Hindus ... ... ... ... ... ... | 28·20 |
| Hindus, Low-caste... ... ... ... ... | 35·99 |
| Mussalmans ... ... ... ... ... | 35·81 |
| Parsees ... ... ... ... ... ... | 18·60 |
| Europeans ... ... ... ... ... ... | 16·45 |

The infant mortality is 378 more than in the last quarter and 155 more than in the corresponding quarter of the last year. 2,445 children under 5 years of age died.

| | No. of deaths. | Per 1,000 |
|---|---|---|
| Under 1 year ... ... ... | 1,568 | 277·08 |
| „ 2 years ... ... ... | 482 | 122·07 |
| „ 3 „ ... ... ... | 225 | 63·88 |
| „ 4 „ ... ... ... | 103 | 30·10 |
| „ 5 „ ... ... ... | 67 | 17·23 |

At the burying and burning grounds of the City, 3,717 bodies were buried, 2,075 burnt, and 248 conveyed to the Towers of Silence.

3,543 living—1,808 male, 1,735 female—and 334 still-born births were registered, being 659 less than in the last quarter and 159 less than in the corresponding quarter of the last year. The proportion of males to females by the Census of 1881 was 150·68 to 100; but assuming that there were 100 males to 100 females, the birth rate would be equal to 27·49.

T. S. WEIR,
*Health Officer.*

22*nd May* 1891.

## BOMBAY MUNICIPALITY.

### RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FIRST QUARTER OF 1891.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born, in 1890. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1891. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 42 | 58·59 | 23 | 32·08 |
| | Middle and Lower Colaba | 97 | 27·19 | 82 | 22·99 |
| | Fort, Southern | 4 | 4·55 | 2 | 2·27 |
| | „ Northern | 214 | 25·20 | 190 | 22·46 |
| | Esplanade | 41 | 12·53 | 40 | 12·23 |
| B | Market | 284 | 23·12 | 232 | 18·88 |
| | Mandvie | 283 | 26·72 | 294 | 27·12 |
| | Chukla | 341 | 36·81 | 327 | 35·30 |
| | Oomarkhari | 479 | 35·05 | 457 | 33·44 |
| | Dongree | 194 | 23·31 | 200 | 24·03 |
| C | Dhobi Talao | 317 | 32·18 | 296 | 30·04 |
| | Fanasvadi | 172 | 29·63 | 130 | 17·74 |
| | Bhuleshwar | 332 | 34·85 | 261 | 27·30 |
| | Khara Talao | 247 | 34·43 | 255 | 35·55 |
| | Kumbharwada | 281 | 32·12 | 218 | 24·92 |
| | Khetwadi | 206 | 27·99 | 167 | 22·14 |
| | Girgaum | 246 | 38·86 | 212 | 33·49 |
| D | Chaupati | 70 | 25·51 | 46 | 16·76 |
| | Walkeshwar | 62 | 21·94 | 57 | 20·17 |
| | Mahaluxmi | 50 | 32·09 | 40 | 25·67 |
| E | Mazagon | 221 | 31·68 | 196 | 28·09 |
| | Tarwadi | 94 | 25·85 | 92 | 25·30 |
| | 2nd Nagpada | 191 | 47·98 | 190 | 47·73 |
| | Kamatipura | 306 | 43·01 | 305 | 42·87 |
| | Tardeo | 144 | 28·41 | 168 | 31·13 |
| | Byculla | 347 | 51·71 | 376 | 56·03 |
| | 1st Nagpada | 100 | 42·68 | 71 | 30·30 |
| | Parel | 293 | 63·14 | 311 | 67·02 |
| | Sewree | 40 | 28·80 | 49 | 35·28 |
| F | Sion | 62 | 14·38 | 72 | 16·70 |
| | Mahim | 118 | 27·26 | 121 | 27·96 |
| | Worli | 85 | 23·25 | 104 | 28·45 |
| Water Division | | 17 | 2·73 | 8 | 1·28 |
| Non-resident and unknown | | 80 | ..... | 114 | ..... |
| | Total... | 6,060 | 26·12 | 5,706 | *28·17 |

* These calculations are based on the approximate Returns of the Census of 1891.

## RETURN OF BIRTHS AND DEATHS FOR THE FIRST QUARTER OF 1891.

| Months. | Births. | Deaths. | | | | | | | | | | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | Annual Rate of Mortality per 1,000 of Population. | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other Diseases under Digestive System. | | | | | | | | |
| January | 1,280 | 8 | 21 | 1 | 463 | 63 | 43 | 49 | 1,131 | 1,774 | 26·28 | 29·952 | 75·3 | 62·5 | ·65 | ... |
| February | 975 | 11 | 23 | 1 | 502 | 59 | 42 | 38 | 1,144 | 1,820 | 26·96 | ·941 | 74·6 | 61·7 | ·65 | ... |
| March | 1,288 | 7 | 96 | 4 | 659 | 82 | 39 | 46 | 1,179 | 2,112 | 31·28 | ·867 | 78·8 | 66·5 | ·67 | 0·20 |
| Total... | 3,543 | 21 | 140 | 6 | 1,624 | 204 | 124 | 133 | 3,454 | 5,706 | * 28·17 | 29·920 | 76·2 | 63·6 | ·66 | 0·20 |
| Corresponding Quarter... | 3,702 | 74 | 81 | 64 | 2,062 | 289 | 133 | 159 | 3,248 | 6,060 | 26·12 | 29·888 | 78·3 | 66·3 | ·68 | ... |

* These calculations are based on the approximate Returns of the Census of 1891.

*RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the Number certified to be Insusceptible of successful Vaccination during the first Quarter of* 1891.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children unsuccessfully Vaccinated. | Number of Children whose Vaccination has been postponed. | Number of Children to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | | |
| 1st Quarter of 1891 ... | 5,305 | 1,271 | 6,576 | *52 | 4 | 2 | * The unsuccessful result refers to "primary operations" only. |

# Health Officer's Report for the Second Quarter of 1891.

EXCLUSIVE of still-born, 5,928 deaths were registered, being 222 more than in the last quarter and 1,283 more than in the corresponding quarter of the last year. The death-rate is equal to 28·88 per 1000 of population and is calculated on the approximate Census returns of 1891.

Examining the statistics according to place of birth, we find that 3,594 persons, including still-born, were born in Bombay, that 2,633 were born out of Bombay, and that the place of birth of 37 persons could not be ascertained.

The Fever mortality is 96 more than in the last quarter, 160 more than in the corresponding period of the last year and also 63 more than the average of the preceding five years. Of the total deaths from Fevers, 1,405 were referred to Remittent Fever, being 76 more than in the last quarter and 99 more than in the corresponding quarter of the last year. 215 deaths were ascribed to Simple Continued Fever, being 8 more than in the preceding quarter and 36 more than in the corresponding three months of the last year, 96 were ascribed to Ague, being 10 more than in the last quarter and 27 more than in the corresponding period of the last year, and 4 were referred to Enteric Fever. In all 1,720 deaths were ascribed to Fevers.

The mortality from Small-pox is 27 more than in the last quarter, but 4 less than in the corresponding quarter of the last year. I apprehend that Small-pox will be prevalent during the next cold weather.

From Measles 329 deaths were registered, being 189 more than in the last quarter and 274 more than in the corresponding quarter of the last year.

The mortality from Cholera is 3 less than in the last quarter and 1 less than in the corresponding quarter of the last year. There were 8 cases, of which 3 proved fatal.

The deaths from diseases of the Respiratory System were 121 less than in the last quarter, but 313 more than in the corresponding quarter of the last year. 1,022 deaths were registered under the head of diseases of the Respiratory System; of these, 688 were ascribed to Bronchitis, being 9 more than in the last quarter and 239 more than in the corresponding quarter of the last year. 190 were referred to Pneumonia, being 96 less than in the preceding quarter, but 44 more than in the corresponding quarter of the last year.

To diseases of the Digestive System, 527 deaths were registered being 66 more than in the last quarter and 90 more than in the corresponding quarter of the last year. Of the deaths from diseases of the Digestive System, 278 were referred to Diarrhœa, being 74 more than in the last quarter and 97 more than in the corresponding quarter of the last year. 118 were ascribed to Dysentery, being 6 less than in the previous quarter, but 4 more than in the corresponding months of the last year. To all other diseases of the Digestive System, 131 deaths were referred, being 2 less than in the last quarter and 11 less than in the corresponding quarter of the last year.

From Diseases of the Nervous System, 637 deaths were registered, being 125 more than in the last quarter and 191 more than in the corresponding months of the last year.

The mortality from Phthisis is 49 more than in the last quarter and 110 more than in the corresponding period of the last year.

From diseases of the Generative System, 56 deaths were registered, being 5 less than in the last quarter, but 7 more than in the corresponding quarter of the last year.

To diseases of the Circulatory System, 37 deaths were ascribed, being 3 less than in the last quarter, but 10 more than in the corresponding quarter of the last year.

There were 24 deaths registered under the head of Leprosy, being 16 less than in the last quarter, but 16 more than in the corresponding quarter of the last year.

To the general affection—Dropsy—17 deaths were referred, being 36 less than in the last quarter and 6 less than in the corresponding quarter of the last year.

18 deaths were registered under the head of diseases of the Urinary System.

From diseases of the Organs of Locomotion and Cellular Tissue, 16 deaths were registered, being 2 less than in the last quarter, but 3 more than in the corresponding quarter of the last year.

To diseases of the Cutaneous System, 9 deaths were referred, being 5 more than in the last quarter and 3 more than in the corresponding quarter of the last year.

7 premature births were registered.

The deaths from old age and debility were 11 less than in the last quarter and 114 more than in the corresponding quarter of the last year.

The deaths from Accidents and Violence amounted to 82, being 22 less than in the last quarter and 11 less than in the corresponding quarter of the last year. 10 deaths were ascribed to poisoning, being 9 less than in the last quarter and 3 less than in the corresponding quarter of the last year. Of the deaths from poisoning, 4 were suicidal and 6 accidental; of the latter, 1 was from mephitic gas and one from snake-bite. The deaths from drowning were 3 more than in the last quarter, and 10 more

than in the corresponding quarter of the last year; 6 were suicidal, 16 accidental, and in 2 instances the circumstances under which death took place were not known.

The rate of mortality of the chief races living in the City is shown below:—

| | Per 1,000 of Population. |
|---|---|
| Hindus ... ... ... ... ... ... | 28·30 |
| Hindus, Low-caste... ... ... ... ... | 42·09 |
| Mussalmans ... ... ... ... ... | 38·42 |
| Parsees ... ... ... ... ... ... | 24·11 |
| Europeans ... ... ... ... ... ... | 14·92 |

The infant mortality is 705 more than in the last quarter, but 11 less than in the corresponding quarter of the last year. 3,150 children under 5 years of age died.

| | No. of deaths. | Per 1,000. |
|---|---|---|
| Under 1 year ... ... ... | 2,038 | 360·13 |
| „ 2 years ... ... ... | 650 | 164·61 |
| „ 3 „ ... ... ... | 266 | 75·52 |
| „ 4 „ ... ... ... | 132 | 38·58 |
| „ 5 „ ... ... ... | 64 | 16·46 |

At the burying and burning grounds of the City 4,134 bodies were buried, 1,823 burnt, and 307 conveyed to the Towers of Silence.

3,779 living—1,955 male, 1824 female and 336 still-born—births were registered, being 236 more than in the last quarter and 176 more than in the corresponding quarter of the last year. The proportion of males to females by the Census of 1881 was 150·68 to 100, but, assuming that there were 100 males to 100 females, the birth-rate would be equal to 29·46.

T. S. WEIR,
*Health Officer.*

14*th August* 1891.

# RETURN OF BIRTHS AND DEATHS FOR THE SECOND QUARTER OF 1891.

| Months. | Births. | Deaths. | | | | | | | | | | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | Annual Rate of Mortality per 1,000 of Population. | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other Diseases under Digestive System. | | | | | | | | |
| April | 1,181 | 22 | 138 | 1 | 566 | 114 | 45 | 50 | 1,135 | 2,071 | 30·27 | 29 836 | 82·0 | 73·0 | ·75 | ... |
| May | 1,235 | 14 | 115 | 1 | 610 | 86 | 39 | 88 | 1,087 | 1,990 | 29·09 | ·768 | 84·6 | 75·4 | ·74 | ... |
| June | 1,363 | 12 | 76 | 1 | 544 | 78 | 34 | 43 | 1,079 | 1,867 | 27·29 | ·737 | 85·7 | 77·0 | ·76 | 13·99 |
| Total... | 3,779 | 48 | 329 | 3 | 1,720 | 278 | 118 | 131 | 3,301 | 5,928 | *28·88 | 29·780 | 84·1 | 75·1 | ·75 | 13·99 |
| Corresponding Quarter... | 3,603 | 52 | 55 | 4 | 1,560 | 181 | 114 | 142 | 2,537 | 4,645 | 20·02 | 29·726 | 83·3 | 75·4 | ·77 | 24·62 |

* This calculation is based on the approximate Census Returns of 1891.

APPENDICES.

## RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE SECOND QUARTER OF 1890 AND 1891.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born, in 1890. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1891. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 26 | 36·27 | 24 | 33·48 |
| | Middle and Lower Colaba | 79 | 22·15 | 74 | 20·75 |
| | Fort, Southern | 1 | 1·13 | 3 | 3·41 |
| | „ Northern | 185 | 21·87 | 238 | 28·14 |
| | Esplanade | 29 | 8·86 | 50 | 15·29 |
| B | Market | 204 | 16·60 | 246 | 20·02 |
| | Mandvie | 234 | 22·10 | 315 | 29·77 |
| | Chukla | 264 | 28·50 | 323 | 34·87 |
| | Oomarkhari | 385 | 28·17 | 525 | 38·42 |
| | Dongree | 135 | 16·22 | 217 | 26·07 |
| C | Dhobi Talao | 247 | 25·07 | 301 | 30·55 |
| | Fanasvadi | 103 | 17·74 | 115 | 19·81 |
| | Bhuleshwar | 247 | 25·92 | 282 | 29·60 |
| | Khara Talao | 247 | 34·43 | 271 | 37·78 |
| | Kumbharwada | 210 | 24·00 | 243 | 27·77 |
| | Khetwadi | 176 | 23·91 | 177 | 24·05 |
| | Girgaum | 172 | 26·77 | 221 | 34·91 |
| D | Chaupati | 42 | 15·30 | 39 | 14·21 |
| | Walkeshwar | 43 | 15·21 | 59 | 20·87 |
| | Mahaluxmi | 55 | 35·30 | 68 | 43·64 |
| E | Mazagon | 173 | 24·79 | 190 | 27·23 |
| | Tarwadi | 54 | 14·85 | 98 | 26·95 |
| | 2nd Nagpada | 198 | 49·74 | 205 | 51·59 |
| | Kamatipura | 246 | 34·58 | 299 | 42·03 |
| | Tardeo | 109 | 21·49 | 153 | 30·17 |
| | Byculla | 230 | 34·27 | 365 | 54·39 |
| | 1st Nagpada | 65 | 27·74 | 89 | 37·98 |
| | Parel | 193 | 41·59 | 324 | 69·82 |
| | Sewree | 23 | 16·56 | 35 | 25·20 |
| F | Sion | 52 | 12·06 | 85 | 19·72 |
| | Mahim | 72 | 16·63 | 101 | 23·34 |
| | Worli | 50 | 13·67 | 77 | 21·06 |
| Water Division | | 7 | 1·12 | 3 | ·48 |
| Non-resident and unknown | | 89 | ..... | 113 | ..... |
| | Total... | 4,645 | 20·02 | 5,928 | *28·88 |

* This calculation is based on the approximate Census Returns of 1891.

*RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the Number certified to be Insusceptible of Successful Vaccination during the Second Quarter of* 1891.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children unsuccessfully Vaccinated. | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of Successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Under one year. | Under 14 years. | Total. | | | | |
| 2nd Quarter of 1891... | 3,419 | 671 | 4,090 | 92* | 42 | 2 | * The unsuccessful result refers to "primary operations" only. |

# Health Officer's Report for the Third Quarter of 1891.

THE general health of the City in the quarter under consideration was not so satisfactory as in the last quarter. The mortality in the quarter is more than in the last and it is also more than in the corresponding quarter of last year.

Exclusive of still-born, 6,189 deaths were registered, being 261 more than in the past quarter and 1,302 more than in the corresponding quarter of last year. The death-rate is equal to 30·12 and is based on the population of 1891.

Examining the statistics according to place of birth, I find that 3,640 persons, including still-born, were born in Bombay, that 2,871 were born out of Bombay, and that the place of birth of 40 persons could not be ascertained.

The Fever mortality is 61 more than in the last quarter, 283 more than in the corresponding quarter of last year, and also 236 more than the average of the preceding five years. Of the total deaths from Fevers, 1,442 were ascribed to Remittent Fever, being 37 more than in the preceding quarter and 181 more than in the corresponding period of last year; 237 were ascribed to Simple Continued Fever, being 22 more than in the last quarter and 75 more than in the corresponding quarter of past year; 96 were ascribed to Ague, being 25 more than in the corresponding quarter of past year, and 6 were referred to Enteric Fever. In all 1,781 deaths were ascribed to Fevers.

From diseases of the Respiratory System, 1,085 deaths were registered, being 63 more than in the last quarter and 361 more than in the corresponding quarter of last year. Of the deaths from diseases of the Respiratory System, 714 were ascribed to Bronchitis, being 26 more than in the past quarter and 264 more than in the corresponding months of last year. To Pneumonia 228 deaths were referred, being 38 more than in the last quarter and 70 more than in the corresponding period of last year.

The mortality from Small-pox is 30 less than in the last quarter, but 1 more than in the corresponding quarter of last year.

From Measles 63 deaths were registered, being 266 less than in the past quarter, but 46 more than in the corresponding quarter of last year.

The mortality from Cholera is 127 more than in the last quarter and 104 more than in the corresponding period of last year. There were 184 cases, of which 130 proved fatal. This was rather an unusual number of deaths from the disease. The choleraic

prevalence is generally expected in the months of July and August or November and December—generally the time when cases of cholera are imported into the City by the pilgrims on their return from Pandharpur or some other holy places. The disease broke out first in a mild form in the middle of the last month of the quarter under review, but appeared to work out its end with renewed activity at the close of the month. It created a great sensation amongst the people and threatened the public health with what appeared to be bordering on epidemic tendency. It should, however, be remembered that the enhanced fatality was chiefly due to an unexpected number of cases occurring in the Harbour, which, as far as I could ascertain, had their origin outside Bombay and only came to die here and thus add to the town mortality. They had nothing to do with any of the parts of the City, such as Ghorupdeo in Mazagaon, Ambewadi in Girgaon, &c., which are generally haunted by cholera. The majority of our cholera cases during the quarter under report came from Ghorupdeo and the vicinity of Mazagaon. There was a communication from the Deputy Surgeon-General, Presidency Circle, including Aden, inquiring if there was any truth in the report that cases of cholera had occurred in the Sassoon Dock. These inquiries were made with a view to safeguard the landing of the Troops during the current trooping season. Reply was sent that there were no cases of cholera in the Dock, but that there were some in the moorings not very far from the Dock. The disease broke out on boards H. M. S. "Marathon" and "Red Breast." The Harbour authorities were addressed on the subject, and I am happy to note that instantaneous and effective measures were adopted to check the progress of the disease. The Harbour officials, however, ascribed the sudden break-out to the supply of adulterated milk from contaminated source in the City. It was, however, urged in this office correspondence that the disease could not be attributed to any contamination having its source in the City, as the surroundings of the Milch Cattle Stables were entirely free from Cholera. The milk, moreover, which was supplied to the Harbour, was also used in the town, and it was ascertained that it had in no way affected any of the towns-people on land so using the milk that was derived from one and the same source. A meeting of the Medical Board, subject to the approval of the President thereof, Brigade-Surgeon Wellington Gray, was held in this office on the 23rd of September to inquire into the causes of the prevalence of Cholera. A careful examination of the reports and other information that was available was made. The President, Brigade-Surgeon Wellington Gray, and members of the Medical Board, including Brigade-Surgeon J. Arnott, M.D., and myself, unanimously recorded the opinion that the prevalence was of a mild type and that it was chiefly confined to Water Division. Our opinion, I am happy to say, was rightly corroborated by the sudden decrease on the following days in the number of victims which were carried off by this disease.

From diseases of the Digestive System, 523 deaths were registered, being 4 less than in the last quarter and 13 less than in the corresponding period of last year. Of the deaths from diseases of the Digestive System, 279 were referred to Diarrhœa, being 1 more than in the last quarter and 17 more than in the corresponding period of last year. 101 were ascribed to Dysentery, being 17 less than in the last quarter and 34 less than in the corresponding quarter of last year. To all other diseases of the Digestive System 143 deaths were referred, being 12 more than in the last quarter and 4 more than in the corresponding months of past year.

From diseases of the Nervous System, 715 deaths were registered, being 78 more than in the past quarter and 180 more than in the corresponding period of last year.

The mortality from Phthisis is 90 more than in the last quarter and 199 more than in the corresponding period of last year.

From diseases of the Generative System, 65 deaths were registered, being 9 more than in the last quarter and 24 more than in the corresponding period of past year.

To diseases of the Circulatory System, 37 deaths were referred, being 14 less than in the corresponding quarter of last year.

There were 29 deaths registered under the head of Leprosy, being 5 more than in the last quarter and 21 more than in the corresponding quarter of last year.

To the general affection—Dropsy—25 deaths were referred, being 8 more than in the last quarter, but 6 less than in the corresponding months of past year.

From diseases of the Urinary System, 20 deaths were registered, being 2 more than in the last quarter and 3 more than in the corresponding quarter of past year.

To affections of the Organs of Locomotion and Cellular Tissue, 24 deaths were referred, being 8 more than in the last quarter and 6 more than in the corresponding quarter of past year.

There were 10 deaths registered under the head of the Cutaneous System, being 5 more than in the corresponding period of last year.

13 premature births were registered.

The deaths from Old Age and Debility were 86 more than in the last quarter and 89 more than in the corresponding quarter of last year.

The deaths from Accidents and Violence amounted to 83, being 1 more than in the last quarter, but 19 less than in the corresponding quarter of last year. 14 deaths were ascribed to Poisoning, being 4 more than in the last quarter, but 1 less than in the corresponding quarter of last year. Of the deaths from Poisoning, 10 were suicidal and 4 accidental. The deaths from Drowning were 4 more than in the past quarter, but 5 less than in the corresponding quarter of last year.

The rate of mortality amongst the chief races living in the City is shown below:—

| | Per 1,000 of Population. |
|---|---|
| Hindus ... ... ... ... ... ... | 30·36 |
| Hindus, Low-caste... ... ... ... ... | 40·55 |
| Mussalmans ... ... ... ... ... | 37·03 |
| Parsees ... ... ... ... ... ... | 25·76 |
| Europeans ... ... ... ... ... ... | 26·40 |

The infant mortality is 187 less than in the last quarter, but 698 more than in the corresponding quarter of last year. 2,963 children under 5 years of age died.

| | No. of deaths. | Per 1,000. |
|---|---|---|
| Under 1 year ... ... ... | 2,129 | 376·21 |
| „ 2 years ... ... ... | 487 | 123·33 |
| „ 3 „ ... ... ... | 196 | 55·65 |
| „ 4 „ ... ... ... | 95 | 27·76 |
| „ 5 „ ... ... ... | 56 | 14·40 |

At the burying and burning grounds of the City 4,198 bodies were buried, 2,024 burnt, and 329 conveyed to the Towers of Silence.

4,140 living—2,159 male, 1,981 female—and 362 still-born births were registered, being 361 more than in the last quarter and 79 more than in the corresponding quarter of the last year.

## Remarks.

Our water-supply during the quarter under report has been tolerably good. From the analysis made it does not appear to have deteriorated in purity. The amount of chlorine is still ·9 grains per gallon, which is a quantity less than half that allowable in good potable waters. It is necessary here to add a word about the existence of crocodiles in the Vehar lake. The public mind has been exercised during the quarter under report on this point, and, though there is no actual alarm, there are certain misgivings in some quarters with regard to the purity of our water-supply. I think it my duty to remove any and every possible erroneous impression that is likely to arise from a discussion of the question of the existence of crocodiles in the Vehar lake. It has been decided by the Corporation to adopt means to destroy them and to pay for their destruction. It is to be hoped that no step may be adopted to destroy them *in toto*. The total destruction of crocodiles would mean the destruction of the present purity of our water-supply. I say so emphatically and for this reason: It must be remembered that crocodiles as a race are the natural scavengers of the water-reservoirs they inhabit. They destroy living, dead and decomposing animal and vegetable matter, and thus remove from water the obnoxious substances which must of necessity exist in stagnant waters however large, and which no human agency of any kind or potency can ever remove, which no amount of labour can get at, and which no

amount of money can destroy. It is comparatively easy to get a few crocodile heads or tails at so much apiece. But the warning word of science must go forth to put the authorities on their guard that to destroy the whole band of crocodiles now existing in our water-reservoirs would be to purchase the future impurity of our water-supply. Numerous algæ and water-plants exist in the lake; water-snakes, turtles, fishes, frogs, leeches, water-fowls of various sorts and innumberable animalcules of the invertebrate kingdom live and move and have their being in the water. In the natural course of their lives they create filth; ultimately they die and decompose. All these serve as a prey to the crocodiles. The natural voracity of the crocodiles leads to the destruction of these water-polluting materials in their dead and decomposing condition as well as in their live state. I therefore submit that if the destruction of the crocodiles is to be carried out, let it not be entire.

There was a question as to where these crocodiles came from in the lake. It is not difficult to trace their entry into the lake. Let it be remembered that where the Vehar lake now stands there used to be a road to Thana through the Vehar valley. The two bunds that bound the lake show their connection on the south and on the west respectively with the natural water canals that open into, and are in many ways connected with, the Coorla creek and Bhandoop creek respectively, more especially during the rainy season. Crocodiles have been found to exist in the Bhandoop and Thana creeks; probably therefore the present generation of crocodiles in the lake came from the eggs laid by crocodiles in the Vehar valley alongside of, or further away from, the water-courses, originally finding their entry into or through the Coorla and Bhandoop creek.

The next point I would like to touch is with regard to the location of our Vernacular schools on the top of Bhuleshwar vegetable markets. The proposed location of the male and female schools on the top of the market is unprecedented in the history of buildings intended for educational purposes. It is not in a spirit of criticising the action of the Municipal Corporation that I express my disapprobation of their resolution to locate the schools as intended. Indeed I should be wanting in my duty to the Corporation and to the public did I not point out the very grave risk we are running in allowing the schools to be lodged on the top of a market where the vegetable supply of nearly half the most thickly-populated part of the town is sold. The risk, it must be remembered, is not imminent, but permanent; nor indeed will it be equal at all times. It is when epidemics will prevail in the town, and one can't say with certainty when they will, or with what vigour and how long they will last; but when they do prevail in the town, especially in those parts of it where the scholars reside—may be in the houses of the scholars themselves—they are likely—I should even say certain—to carry

germs of disease with them. Under such circumstances germs of cholera, small-pox, measles, and such other affections are sure to vitiate the market air. Again, germs of phthisis, scrofula, &c., though not epidemic diseases, may also come from constitutionally-affected children and introduce an element of disease of our own seeking. Imagine a case of cholera occurring in the school on the top of our vegetable market!

Then again the school air will be tainted with smells of all kinds of vegetables in all conditions—stored in the stalls or store-boxes on the ground-floor. While we should be training the minds of the children, we should be calling upon them to breathe air which, in a market of the sort it now is, and it will be, when built over, cannot be of the purest kind. Children are peculiarly susceptible to the bad influences of insanitary surroundings. It is essential that school buildings in civilized towns should be constructed on the best sanitary principles. The penny-wise-and-pound-foolish policy of false economy should on no account be allowed to jeopardize the lives of those who unsuspectingly purchase their day's vegetable supply from a market the air of which we are rendering liable to be tainted with disease-germs. I would rather that vegetables were sold in open air than in an elaborately ornamental and artistically got up market, the upper atmosphere of which is tainted with the air expired from the lungs of possibly some phthisical children eight hours out of twenty-four daily. The location of the school on the top of a market, in my opinion, cannot be too strongly condemned.

K. R. KIRTIKAR,
*Acting Health Officer.*

21*st November* 1891.

APPENDICES.

## RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE THIRD QUARTERS OF 1890 AND 1891.

| Divisions. | Localities. | Number of Deaths, exclusive of Still-born, in 1890. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1891. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 19 | 26·50 | 21 | 29·29 |
| | Middle and Lower Colaba | 56 | 15·70 | 63 | 17·66 |
| | Fort, Southern | 5 | 5·69 | 7 | 7·96 |
| | „ Northern | 201 | 23·76 | 228 | 26·95 |
| | Esplanade | 24 | 7·33 | 49 | 14·98 |
| B | Market | 213 | 17·34 | 300 | 24·42 |
| | Mandvie | 260 | 24·55 | 357 | 33·71 |
| | Chukla | 293 | 31·63 | 298 | 32·17 |
| | Oomarkhari | 434 | 31·76 | 473 | 34·61 |
| | Dongree | 167 | 20·06 | 183 | 21·98 |
| C | Dhobi Talao | 247 | 25·07 | 321 | 32·58 |
| | Fanasvadi | 82 | 14·12 | 144 | 24·80 |
| | Bhuleshwar | 231 | 24·24 | 313 | 32·85 |
| | Khara Talao | 261 | 36·38 | 276 | 38·47 |
| | Kumbharwada | 211 | 24·12 | 278 | 31·78 |
| | Khetwadi | 148 | 20·11 | 184 | 25·00 |
| | Girgaum | 179 | 28·27 | 218 | 34·44 |
| D | Chaupati | 57 | 20·77 | 51 | 18·58 |
| | Walkeshwar | 55 | 19·46 | 50 | 17·69 |
| | Mahaluxmi | 48 | 30·80 | 65 | 41·72 |
| E | Mazagon | 176 | 25·22 | 249 | 35·69 |
| | Tarwadi | 86 | 23·65 | 112 | 30·80 |
| | 2nd Nagpada | 183 | 45·97 | 205 | 51·50 |
| | Kamatipura | 239 | 33·59 | 324 | 45·54 |
| | Tardeo | 98 | 19·32 | 147 | 21·07 |
| | Byculla | 256 | 38·14 | 331 | 49·32 |
| | 1st Nagpada | 78 | 33·29 | 98 | 41·82 |
| | Parel | 250 | 53·87 | 322 | 69·34 |
| | Sewree | 21 | 15·12 | 38 | 27·36 |
| F | Sion | 70 | 16·24 | 78 | 18·10 |
| | Mahim | 90 | 20·79 | 152 | 35·12 |
| | Worli | 66 | 18·05 | 100 | 27·35 |
| Water Division | | 9 | 1·44 | 34 | 5·46 |
| Non-resident and unknown | | 74 | ..... | 120 | ..... |
| | Total... | 4,847 | 21·07 | 6 189 | * 30·12 |

* Calculated on the Population of 1891.

## RETURN OF BIRTHS AND DEATHS FOR THE THIRD QUARTER OF 1891.

| MONTHS. | Births. | Deaths. | | | | | | | | | | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other causes. | All causes, except Still-born. | Annual Rate of Mortality per 1,000 of Population. | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other Diseases under Digestive System. | | | | | | | | |
| July | 1,390 | 11 | 36 | 6 | 498 | 64 | 23 | 38 | 1,157 | 1,833 | 26·76 | 29·656 | 81·0 | 76·6 | ·86 | 32·48 |
| August | 1,427 | 4 | 17 | 33 | 624 | 114 | 80 | 56 | 1,271 | 2,149 | 31·38 | ·751 | 80·9 | 75·6 | ·84 | 6·94 |
| September | 1,323 | 3 | 10 | 91 | 659 | 101 | 48 | 49 | 1,246 | 2,207 | 32·22 | ·798 | 80·4 | 75·3 | ·85 | 22·53 |
| Total... | 4,140 | 18 | 63 | 130 | 1,781 | 279 | 101 | 143 | 3,674 | 6,189 | *30·12 | 29·733 | 80·7 | 75·8 | ·85 | 61·95 |
| Corresponding Quarter... | 4,061 | 17 | 17 | 26 | 1,498 | 262 | 135 | 189 | 2,798 | 4,887 | 21·07 | 29·737 | 79·8 | 74·3 | ·83 | 38·60 |

* Calculated on the Population of 1891.

*RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the Number certified to be Insusceptible of Successful Vaccination during the Third Quarter of* 1891.

| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children unsuccessfully Vaccinated. | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of Successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Under 1 year. | Under 14 years. | Total. | | | | |
| 3rd Quarter of 1891... | 3,239 | 555 | 3,794 | 42* | 86 | 1† | * The unsuccessful result refers to "primary operations" only.<br>† Insusceptible by previous Small-pox. |

# Health Officer's Report for the Fourth Quarter of 1891.

EXCLUSIVE of still-born 6,024 deaths were registered, being 165 less than in the last quarter, but 1,082 more than in the corresponding quarter of the last year. The death-rate is equal to 29·32, calculated on the census population of 1891.

Examining the statistics according to place of birth, we find that 3,264 persons, including still-born, were born in Bombay, that 3,055 persons were born out of Bombay, and that the place of birth of 67 persons could not be ascertained.

The Fever mortality is 67 less than in the past quarter, but 344 more than in the corresponding quarter of the last year, and also 222 more than the average of the preceding five years. Of the total deaths from Fevers 1,353 were ascribed to Remittent Fever, being 89 less than in the last quarter, but 233 more than in the corresponding quarter of the last year: 251 were ascribed to Simple Continued Fever, being 14 more than in the last quarter and 80 more than in the corresponding period of the past year; 104 were ascribed to Ague, being 8 more than in the past quarter, 26 more than in the corresponding quarter of the last year, and only 6 were referred to Enteric Fever. In all 1,714 deaths were ascribed to Fevers.

The mortality from Cholera is 105 less than in the last quarter and 17 more than in the corresponding months of the past year. There were 25 deaths.

From Measles 82 deaths were registered, being 19 more than in the past quarter and 56 more than in the corresponding period of the last year.

The mortality from Small-pox is 3 more than in the last quarter and 14 more than in the corresponding months of the past year.

From diseases of the Respiratory System 1,129 deaths were registered, being 44 more than in the past quarter and 296 more than in the corresponding period of the last year. Of the deaths from diseases of the Respiratory System 682 deaths were ascribed to Bronchitis, being 32 less than in the last quarter, but 184 more than in the corresponding months of the past year; 260 deaths were referred to Pneumonia, being 32 more than in the last quarter and 75 more than in the corresponding period of the last year.

To diseases of the Digestive System, 548 deaths were ascribed, being 25 more than in the last quarter and 68 more than in the corresponding period of the last year. Of the deaths from diseases of the Digestive System, 267 were referred to Diarrhœa, being 12 less than in the previous quarter and 44 more than in the corres-

ponding quarter of the last year. To Dysentery 129 deaths were due, being 28 more than in the last quarter and 4 more than in the corresponding months of the past year. To all other diseases of the Digestive System, 152 deaths were referred, being 9 more than in the last quarter and 20 more than in the corresponding quarter of the previous year.

The mortality from Phthisis is 119 more than in the last quarter and 57 more than in the corresponding period of the last year.

From diseases of the Nervous System, 583 deaths were registered, being 132 less than in the last quarter, but 93 more than in the corresponding quarter of the last year. 6 deaths from Hydrophobia were reported.

To diseases of the Circulatory System, 46 deaths were referred, being 9 more than in the last quarter, but 4 less than in the corresponding months of the past year.

From diseases of the Generative System, 57 deaths were registered, being 8 less than in the last quarter, but 8 more than in the corresponding period of the last year.

There were 13 deaths registered under the head of Leprosy, being 16 less than in the last quarter and 7 less than in the corresponding period of the past year.

To the general affection Dropsy, 28 deaths were referred, being 3 more than in the last quarter and 4 less than in the corresponding period of the last year.

From diseases of the Urinary System, 11 deaths were registered, being 9 less than in the last quarter and 2 less than in the corresponding period of the last year.

To affections of the organs of Locomotion and Cellular Tissue, 25 deaths were referred, being 1 more than in the last quarter, but 5 more than in the corresponding period of the last year.

There were 4 deaths registered under the head of the Cutaneous System, being 6 less than in the last quarter and 2 less than in the corresponding period of the last year.

Eight Premature Births were registered, being 5 less than in the last quarter and 1 less than in the corresponding quarter of the last year.

The deaths from Old Age and Debility were 46 more than in the last quarter, but 15 less than in the corresponding period of the last year.

The deaths from Accidents and Violence amounted to 92, being 9 more than in the past quarter, but 18 less than in the corresponding period of the last year; 15 deaths were ascribed to Poisoning, being 1 more than in the last quarter, but 4 less than in the corresponding quarter of the last year; of the deaths from Poisoning 9 were suicidal and 6 accidental; the deaths from drowning were 2 less than in the last quarter, but 5 more than in the corresponding period of the past year; 13 were suicidal, 4 accidental, and in 4 instances the circumstances under which death took place were not known.

APPENDICES.

The rate of mortality amongst the chief races living in the City is shown below :—

| | Per 1,000. | |
|---|---|---|
| Hindus ... ... ... ... ... | ... 26·17 | The calculations are based on the population of 1891. |
| Hindus, low-caste... ... ... ... | ... 40·82 | |
| Mussalmans ... ... ... ... | ... 39·76 | |
| Parsees ... ... ... ... ... | ... 22·92 | |
| Europeans ... ... ... ... ... | ... 20·90 | |

The Infant mortality is 477 less than in the last quarter and 419 more than in the corresponding quarter of the last year ; 2,486 children under 5 years of age died.

| | No. of deaths per 1,000 |
|---|---|
| Under 1 year ... ... ... ... | 1,686 |
| „ 2 years ... ... ... ... | 467 |
| „ 3 „ ... ... ... ... | 175 |
| „ 4 „ ... ... ... ... | 94 |
| „ 5 „ ... ... ... ... | 64 |

At the burying and burning grounds of the City, 3,982 bodies were buried, 2,118 burnt, and 286 conveyed to the Towers of Silence.

4,045 living—2,042 male, 2,003 female—and 362 still-born births were registered, being 95 less than in the last quarter and 157 less than in the corresponding quarter of the last year. The birth-rate is equal to 19·68 per 1,000 of population.

I have drawn your immediate attention to the impossibility of depositing sweepings on the Flats after this year ; even during this monsoon, it will be difficult without great risk to find space on the Flats for the sweepings. The reclamation on the Flats cannot now be continued safely and it ought to cease.

T. S. WEIR,
Health Officer.

12*th February* 1892.

## BOMBAY MUNICIPALITY.

### RETURN SHOWING THE NUMBER OF DEATHS AND THE ANNUAL RATE OF MORTALITY DURING THE FOURTH QUARTERS OF 1890 AND 1891.

| Wards. | Localities. | Number of Deaths, exclusive of Still-born, in 1890. | Annual Rate of Mortality per 1,000 of Population. | Number of Deaths, exclusive of Still-born, in 1891. | Annual Rate of Mortality per 1,000 of Population. |
|---|---|---|---|---|---|
| A | Upper Colaba | 26 | 36·27 | 34 | 31·37 |
| | Middle and Lower Colaba | 60 | 16·82 | 60 | 17·61 |
| | Fort, Southern | 9 | 10·24 | 3 | 3·03 |
| | „ Northern | 195 | 23·05 | 213 | 25·93 |
| | Esplanade | 34 | 10·39 | 36 | 14·30 |
| B | Mandvie | 272 | 25·69 | 374 | 40·11 |
| | Chukla | 288 | 31·09 | 285 | 30·40 |
| | Oomarkhari | 397 | 29·05 | 566 | 43·15 |
| | Dongree | 138 | 16·58 | 216 | 28·49 |
| C | Market | 243 | 19·78 | 264 | 23·59 |
| | Dhobi Talao | 248 | 25·17 | 255 | 25·53 |
| | Fanasvadi | 85 | 14·64 | 101 | 16·78 |
| | Bhuleshwar | 250 | 26·23 | 281 | 29·29 |
| | Khara Talao | 215 | 29·97 | 287 | 42·46 |
| | Kumbharwada | 215 | 24·57 | 278 | 34·52 |
| D | Khetwadi | 166 | 22·55 | 198 | 26·65 |
| | Girgaum | 165 | 26·06 | 195 | 28·88 |
| | Chaupati | 42 | 15·30 | 48 | 16·67 |
| | Walkeshwar | 39 | 13·80 | 65 | 20·01 |
| | Mahaluxmi | 53 | 34·01 | 51 | 11·79 |
| E | Mazagon | 182 | 26·08 | 209 | 24·85 |
| | Tarwadi | 75 | 20·62 | 108 | 20·28 |
| | 2nd Nagpada | 184 | 46·22 | 196 | 41·77 |
| | Kamatipura | 280 | 39·36 | 369 | 50·54 |
| | Tardeo | 129 | 25·44 | 119 | 25·07 |
| | Byculla | 262 | 39·04 | 330 | 27·84 |
| | 1st Nagpada | 76 | 32·43 | 91 | 32·69 |
| F | Parel | 240 | 51·72 | 277 | 38·55 |
| | Sewree | 30 | 21·60 | 29 | 19·13 |
| | Sion | 69 | 16·01 | 75 | 15·30 |
| G | Mahim | 93 | 21·49 | 141 | 30·47 |
| | Werli | 75 | 20·51 | 125 | 19·61 |
| Water Division | | 14 | 2·25 | 22 | 3·97 |
| Non-resident and unknown | | 93 | ..... | 129 | ..... |
| | Bombay... | 4,942 | 24·40 | 6,024 | 29·32 |

All calculations of the quarter are based on the Census Population of 1891.

## RETURN OF BIRTHS AND DEATHS FOR THE FOURTH QUARTER OF 1891.

| Months. | Births. | Deaths. | | | | | | | | | | Barometer. | Temperature of Air. | Dew-point. | Humidity of Air. | Total fall of Rain at Colaba. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Small-pox. | Measles. | Cholera. | Fevers. | Digestive System. | | | All other Causes. | All Causes, except Still-born. | Annual Rate of Mortality per 1,000 of Population. | | | | | |
| | | | | | | Diarrhœa. | Dysentery. | All other Diseases under Digestive System. | | | | | | | | |
| October | 1,345 | 4 | 18 | 19 | 591 | 86 | 47 | 62 | 1,249 | 2,076 | 30·31 | 29·858 | 82·6 | 73·3 | ·74 | 1·04 |
| November | 1,307 | 4 | 20 | 4 | 506 | 87 | 33 | 33 | 1,109 | 1,796 | 26·26 | ·898 | 80·5 | 66·8 | ·64 | ... |
| December | 1,393 | 13 | 44 | 2 | 617 | 94 | 49 | 57 | 1,276 | 2,152 | 31·42 | ·959 | 78·2 | 63·0 | ·61 | ... |
| Total... | 4,045 | 21 | 82 | 25 | 1,714 | 267 | 129 | 152 | 3,634 | 6,024 | 29·32 | 29·905 | 80·4 | 67·7 | ·66 | 1·04 |
| Corresponding Quarter... | 4,202 | 7 | 26 | 8 | 1,370 | 223 | 125 | 132 | 3,051 | 4,942 | 24·40 | 29·907 | 79·2 | 67·3 | ·73 | 1·96 |

All calculations are based on the Census Population of 1891.

*RETURN showing the Number of Children successfully and unsuccessfully Vaccinated, Number whose Vaccination has been postponed, and the Number certified to be Insusceptible of Successful Vaccination during the Fourth Quarter of* 1891.



| Quarter. | Number of Children successfully Vaccinated. | | | Number of Children unsuccessfully Vaccinated. | Number of Children whose Vaccination has been postponed. | Number of Children certified to be Insusceptible of successful Vaccination. | Remarks. |
|---|---|---|---|---|---|---|---|
| | Under 1 year. | Under 14 years. | Total. | | | | |
| 4th Quarter of 1891... | 4,263 | 796 | 5,059 | 46* | 63 | Nil | * The unsuccessful result refers to "primary operations" only. |

## APPENDIX C.

STATEMENT showing details of the Storage and Consumption of Water in Vehar Lake for the year 1891-92.

| Date. | | | Rainfall for the Week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake, as per Gauge readings. | | Height of water (above the lowest inlet to the Tower) available for supply. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. | At the commencement of the Week. | | At the end of the Week. | | When the Lake is full. | |
| | | | Inches. | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. | Feet. | Cents. | Feet. | Cents. | Ft. | Ct. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 29 | March ... | 1891 | ... | ... | ... | ... | 254·15 | 253·65 | 23 | 65 | 23 | 15 | 33 | 00 |
| 5 | April ... | ,, | ... | ... | ... | ... | 253·65 | 253·15 | 23 | 15 | 22 | 65 | 33 | 00 |
| 12 | ,, ... | ,, | ... | ... | ... | ... | 253·15 | 252·75 | 22 | 65 | 22 | 25 | 33 | 00 |
| 19 | ,, ... | ,, | ... | ... | ... | ... | 252·75 | 252·25 | 22 | 25 | 21 | 75 | 33 | 00 |
| 26 | ,, ... | ,, | ... | ... | ... | ... | 252·25 | 251·80 | 21 | 75 | 21 | 30 | 33 | 00 |
| 3 | May ... | ,, | ... | ... | ... | ... | 251·80 | 251·30 | 21 | 30 | 20 | 18 | 33 | 00 |
| 10 | ,, ... | ,, | ... | ... | ... | ... | 251·30 | 250·85 | 20 | 80 | 20 | 35 | 33 | 00 |
| 17 | ,, ... | ,, | ... | ... | ... | ... | 250·85 | 250·35 | 20 | 35 | 19 | 85 | 33 | 00 |
| 24 | ,, ... | ,, | ... | ... | ... | ... | 250·35 | 249·85 | 19 | 85 | 19 | 35 | 33 | 00 |
| 31 | ,, ... | ,, | ... | ... | ... | ... | 249·85 | 249·35 | 19 | 35 | 18 | 85 | 33 | 00 |
| 7 | June ... | ,, | ... | ... | ... | ... | 249·35 | 248·85 | 18 | 85 | 18 | 35 | 33 | 00 |
| 14 | ,, ... | ,, | ... | 11 | ... | 11 | 248·85 | 248·35 | 18 | 35 | 17 | 85 | 33 | 00 |
| 21 | ,, ... | ,, | ... | 76 | ... | 87 | 248·35 | 247·95 | 17 | 85 | 17 | 45 | 33 | 00 |
| 28 | ,, ... | ,, | 2 | 15 | 3 | 02 | 247·95 | 247·65 | 17 | 45 | 17 | 15 | 33 | 00 |
| 5 | July ... | ,, | 18 | 17 | 21 | 19 | 247·65 | 249·20 | 17 | 15 | 18 | 70 | 33 | 00 |
| 12 | ,, ... | ,, | 1 | 84 | 23 | 03 | 249·20 | 250·25 | 18 | 70 | 19 | 75 | 33 | 00 |
| 19 | ,, ... | ,, | 9 | 38 | 32 | 41 | 250·25 | 251·65 | 19 | 75 | 21 | 15 | 33 | 00 |
| 26 | ,, ... | ,, | 14 | 12 | 46 | 53 | 251·65 | 254·85 | 21 | 15 | 24 | 35 | 33 | 00 |
| 2 | August ... | ,, | 9 | 09 | 55 | 62 | 254·85 | 257·30 | 24 | 35 | 26 | 80 | 33 | 00 |
| 9 | ,, ... | ,, | 4 | 51 | 60 | 13 | 257·30 | 257·90 | 26 | 80 | 27 | 40 | 33 | 00 |
| 16 | ,, ... | ,, | 1 | 80 | 61 | 43 | 257·90 | 257·85 | 27 | 40 | 27 | 35 | 33 | 00 |
| 23 | ,, ... | ,, | 1 | 92 | 63 | 35 | 257·85 | 257·85 | 27 | 85 | 27 | 35 | 33 | 00 |
| 30 | ,, ... | ,, | 1 | 86 | 65 | 21 | 257·85 | 257·80 | 27 | 35 | 27 | 30 | 33 | 00 |
| 6 | September... | ,, | 8 | 68 | 78 | 89 | 257·80 | 260·15 | 27 | 30 | 29 | 65 | 33 | 00 |
| 13 | ,, ... | ,, | 8 | 32 | 77 | 21 | 260·15 | 260·90 | 29 | 65 | 30 | 40 | 33 | 00 |
| 20 | ,, ... | ,, | 1 | 95 | 79 | 16 | 260·90 | 261·00 | 30 | 40 | 30 | 50 | 33 | 00 |
| 27 | ,, ... | ,, | 4 | 31 | 83 | 47 | 261·00 | 261·45 | 30 | 50 | 30 | 95 | 33 | 00 |
| 4 | October ... | ,, | 5 | 85 | 89 | 32 | 261·45 | 263·25 | 30 | 95 | 32 | 75 | 33 | 00 |
| 11 | ,, ... | ,, | 0 | 55 | 89 | 87 | 263·25 | 263·05 | 32 | 75 | 32 | 55 | 33 | 00 |
| 18 | ,, ... | ,, | ... | ... | 89 | 87 | 263·05 | 262·55 | 32 | 55 | 32 | 05 | 33 | 00 |
| 25 | ,, ... | ,, | ... | ... | 89 | 87 | 262·55 | 262·10 | 32 | 05 | 31 | 60 | 33 | 00 |
| 1 | November ... | ,, | ... | ... | 89 | 87 | 262·10 | 261·75 | 31 | 60 | 31 | 25 | 33 | 00 |
| 8 | ,, ... | ,, | ... | ... | 89 | 87 | 261·75 | 261·15 | 31 | 25 | 30 | 65 | 33 | 00 |
| 15 | ,, ... | ,, | ... | ... | 89 | 87 | 261·15 | 260·80 | 30 | 65 | 30 | 30 | 33 | 00 |
| 22 | ,, ... | ,, | ... | ... | 89 | 87 | 260·80 | 260·30 | 30 | 30 | 29 | 80 | 33 | 00 |
| 29 | ,, ... | ,, | ... | ... | 89 | 87 | 260·30 | 259·90 | 29 | 80 | 29 | 40 | 33 | 00 |
| 6 | December ... | ,, | ... | ... | 89 | 87 | 259·90 | 259·45 | 29 | 40 | 28 | 95 | 33 | 00 |
| 13 | ,, ... | ,, | ... | ... | 89 | 87 | 259·45 | 259·00 | 28 | 95 | 28 | 50 | 33 | 00 |
| 20 | ,, ... | ,, | ... | ... | 89 | 87 | 259·00 | 258·55 | 28 | 50 | 28 | 05 | 33 | 00 |
| 27 | ,, ... | ,, | ... | ... | 89 | 87 | 258·55 | 258·10 | 28 | 05 | 27 | 60 | 33 | 00 |
| 3 | January ... | 1892 | ... | ... | ... | ... | 258·10 | 257·70 | 27 | 60 | 27 | 20 | 33 | 00 |
| 10 | ,, ... | ,, | ... | ... | ... | ... | 257·70 | 257·35 | 27 | 20 | 26 | 85 | 33 | 00 |
| 17 | ,, ... | ,, | ... | ... | ... | ... | 257·35 | 256·95 | 26 | 85 | 26 | 45 | 33 | 00 |
| 24 | ,, ... | ,, | ... | ... | ... | ... | 256·95 | 256·55 | 26 | 45 | 26 | 05 | 33 | 00 |
| 31 | ,, ... | ,, | ... | ... | ... | ... | 256·55 | 256·15 | 26 | 05 | 25 | 65 | 33 | 00 |
| 7 | February ... | ,, | ... | ... | ... | ... | 256·15 | 255·75 | 25 | 65 | 25 | 25 | 33 | 00 |
| 14 | ,, ... | ,, | ... | ... | ... | ... | 255·75 | 255·35 | 25 | 25 | 24 | 85 | 33 | 00 |
| 21 | ,, ... | ,, | ... | ... | ... | ... | 255·35 | 254·85 | 24 | 85 | 24 | 35 | 33 | 00 |
| 28 | ,, ... | ,, | ... | ... | ... | ... | 254·85 | 254·55 | 24 | 35 | 24 | 05 | 33 | 00 |
| 6 | March ... | ,, | ... | ... | ... | ... | 254·55 | 254·25 | 24 | 05 | 23 | 75 | 33 | 00 |
| 13 | ,, ... | ,, | ... | ... | ... | ... | 254·25 | 253·80 | 23 | 75 | 23 | 30 | 33 | 00 |
| 20 | ,, ... | ,, | ... | ... | ... | ... | 253·80 | 253·70 | 23 | 30 | 23 | 20 | 33 | 00 |
| 27 | ,, ... | ,, | ... | ... | ... | ... | 253·70 | 253·50 | 23 | 20 | 23 | 00 | 33 | 00 |

S. TOMLINSON, M. Inst, C.E.,
Deputy Executive Engineer in charge Water Works,

## APPENDIX C—*continued.*

STATEMENT showing details of the Storage and Consumption of Water in Tulsi Lake for the year 1891-92.

| Date. | | | Rainfall for the Week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake, as per Gauge readings. | | Height of water (above the lowest inlet to the Tower) available for supply. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. | At the commencement of the Week. | | At the end of the Week. | | When the Lake is full. | |
| | | | Inches. | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. | Feet. | Cents. | Feet. | Cents. | Ft. | Ct. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 29 | March ... | 1891 | ... | ... | ... | ... | 443·20 | 442·60 | 43 | 84 | 43 | 24 | 57 | 14 |
| 5 | April ... | ,, | ... | ... | ... | ... | 442·60 | 441·95 | 43 | 24 | 42 | 59 | 57 | 14 |
| 12 | ,, ... | ,, | ... | ... | ... | ... | 441·95 | 441·30 | 42 | 59 | 41 | 94 | 57 | 14 |
| 19 | ,, ... | ,, | ... | ... | ... | ... | 441·30 | 440·70 | 41 | 94 | 41 | 34 | 57 | 14 |
| 26 | ,, ... | ,, | ... | ... | ... | ... | 440·70 | 440·00 | 41 | 34 | 40 | 64 | 57 | 14 |
| 3 | May ... | ,, | ... | ... | ... | ... | 440·00 | 439·40 | 40 | 64 | 40 | 04 | 57 | 14 |
| 10 | ,, ... | ,, | ... | ... | ... | ... | 439·40 | 438·70 | 40 | 04 | 39 | 34 | 57 | 14 |
| 17 | ,, ... | ,, | ... | ... | ... | ... | 438·70 | 438·05 | 39 | 34 | 38 | 69 | 57 | 14 |
| 24 | ,, ... | ,, | ... | ... | ... | ... | 438·05 | 437·35 | 38 | 69 | 37 | 99 | 57 | 14 |
| 31 | ,, ... | ,, | ... | ... | ... | ... | 437·35 | 436·70 | 37 | 99 | 37 | 34 | 57 | 14 |
| 7 | June ... | ,, | ... | ... | ... | ... | 436·70 | 436·00 | 37 | 34 | 36 | 64 | 57 | 14 |
| 14 | ,, ... | ,, | 0 | 25 | 0 | 25 | 436·00 | 435·30 | 36 | 64 | 35 | 94 | 57 | 14 |
| 21 | ,, ... | ,, | 0 | 53 | 0 | 58 | 435·30 | 434·60 | 35 | 94 | 35 | 24 | 57 | 14 |
| 28 | ,, ... | ,, | 1 | 21 | 1 | 79 | 434·60 | 434·00 | 35 | 24 | 34 | 64 | 57 | 14 |
| 5 | July ... | ,, | 20 | 44 | 22 | 23 | 434·00 | 437·30 | 34 | 64 | 37 | 94 | 57 | 14 |
| 12 | ,, ... | ,, | 4 | 28 | 26 | 51 | 437·30 | 438·00 | 37 | 94 | 38 | 64 | 57 | 14 |
| 19 | ,, ... | ,, | 8 | 50 | 35 | 01 | 438·00 | 439·85 | 38 | 64 | 40 | 49 | 57 | 14 |
| 26 | ,, ... | ,, | 14 | 78 | 49 | 79 | 439·85 | 446·10 | 40 | 49 | 46 | 74 | 57 | 14 |
| 2 | August ... | ,, | 12 | 11 | 61 | 90 | 446·10 | 452·45 | 46 | 74 | 53 | 09 | 57 | 14 |
| 9 | ,, ... | ,, | 5 | 31 | 67 | 21 | 452·45 | 454·10 | 53 | 09 | 54 | 74 | 57 | 14 |
| 16 | ,, ... | ,, | 1 | 42 | 68 | 63 | 454·10 | 454·45 | 54 | 74 | 55 | 09 | 57 | 14 |
| 23 | ,, ... | ,, | 1 | 88 | 70 | 51 | 454·45 | 454·40 | 55 | 09 | 55 | 04 | 57 | 14 |
| 30 | ,, ... | ,, | 2 | 35 | 72 | 86 | 454·40 | 454·55 | 55 | 04 | 55 | 19 | 57 | 14 |
| 6 | September... | ,, | 9 | 96 | 82 | 82 | 454·55 | 456·50 | 55 | 19 | 57 | 14 | 57 | 14 |
| 13 | ,, ... | ,, | 4 | 12 | 86 | 94 | 456·50 | 456·40 | 57 | 14 | 57 | 04 | 57 | 14 |
| 20 | ,, ... | ,, | 1 | 51 | 88 | 45 | 456·40 | 455·95 | 57 | 04 | 56 | 59 | 57 | 14 |
| 27 | ,, ... | ,, | 4 | 13 | 92 | 58 | 455·95 | 456·60 | 56 | 59 | 57 | 24 | 57 | 14 |
| 4 | October ... | ,, | 6 | 47 | 99 | 05 | 456·60 | 456·15 | 57 | 24 | 57 | 09 | 57 | 14 |
| 11 | ,, ... | ,, | 0 | 12 | 99 | 47 | 456·15 | 456·15 | 57 | 09 | 56 | 79 | 57 | 14 |
| 18 | ,, ... | ,, | 0 | 00 | 99 | 47 | 456·15 | 455·60 | 56 | 79 | 56 | 24 | 57 | 14 |
| 25 | ,, ... | ,, | 0 | 00 | 99 | 47 | 455·60 | 455·05 | 56 | 24 | 55 | 69 | 57 | 14 |
| 1 | November... | ,, | ... | ... | 99 | 47 | 455·05 | 454·55 | 55 | 69 | 55 | 19 | 57 | 14 |
| 8 | ,, ... | ,, | ... | ... | 99 | 47 | 454·55 | 453·90 | 55 | 19 | 54 | 54 | 57 | 14 |
| 15 | ,, ... | ,, | ... | ... | 99 | 47 | 453·90 | 453·30 | 54 | 54 | 53 | 94 | 57 | 14 |
| 22 | ,, ... | ,, | ... | ... | 99 | 47 | 453·30 | 452·70 | 53 | 94 | 53 | 34 | 57 | 14 |
| 29 | ,, ... | ,, | ... | ... | 99 | 47 | 452·70 | 452·15 | 53 | 34 | 52 | 79 | 57 | 14 |
| 6 | December... | ,, | ... | ... | 99 | 47 | 452·15 | 451·65 | 52 | 79 | 52 | 29 | 57 | 14 |
| 13 | ,, ... | ,, | ... | ... | 99 | 47 | 451·65 | 451·05 | 52 | 29 | 51 | 69 | 57 | 14 |
| 20 | ,, ... | ,, | ... | ... | 99 | 47 | 451·05 | 450·45 | 51 | 69 | 51 | 09 | 57 | 14 |
| 27 | ,, ... | ,, | ... | ... | 99 | 47 | 450·45 | 449·80 | 51 | 09 | 50 | 44 | 57 | 14 |
| 3 | January ... | 1892 | ... | ... | ... | ... | 449·80 | 449·30 | 50 | 44 | 49 | 94 | 57 | 14 |
| 10 | ,, ... | ,, | ... | ... | ... | ... | 449·30 | 448·75 | 49 | 94 | 49 | 39 | 57 | 14 |
| 17 | ,, ... | ,, | ... | ... | ... | ... | 448·75 | 448·20 | 49 | 39 | 48 | 84 | 57 | 14 |
| 24 | ,, ... | ,, | ... | ... | ... | ... | 448·20 | 447·65 | 48 | 84 | 48 | 29 | 57 | 14 |
| 31 | ,, ... | ,, | ... | ... | ... | ... | 447·65 | 447·10 | 48 | 29 | 47 | 74 | 57 | 14 |
| 7 | February ... | ,, | ... | ... | ... | ... | 447·10 | 446·55 | 47 | 74 | 47 | 19 | 57 | 14 |
| 14 | ,, ... | ,, | ... | ... | ... | ... | 446·55 | 446·00 | 47 | 19 | 46 | 64 | 57 | 14 |
| 21 | ,, ... | ,, | ... | ... | ... | ... | 446·00 | 445·35 | 46 | 64 | 45 | 99 | 57 | 14 |
| 28 | ,, ... | ,, | ... | ... | ... | ... | 445·35 | 444·75 | 45 | 99 | 45 | 39 | 57 | 14 |
| 6 | March ... | ,, | ... | ... | ... | ... | 444·75 | 444·10 | 45 | 39 | 44 | 74 | 57 | 14 |
| 13 | ,, ... | ,, | ... | ... | ... | ... | 444·10 | 443·50 | 44 | 74 | 44 | 14 | 57 | 14 |
| 20 | ,, ... | ,, | ... | ... | ... | ... | 443·50 | 442·95 | 44 | 14 | 43 | 59 | 57 | 14 |
| 27 | ,, ... | ,, | ... | ... | ... | ... | 442·95 | 442·50 | 43 | 59 | 42 | 94 | 57 | 14 |

S. TOMLINSON, M. Inst. C.E.,
Deputy Executive Engineer in charge Water Works.

## APPENDIX C—*continued.*

**STATEMENT showing details of the Storage and Consumption of Water in Pawai Reservoir for the year 1891-92.**

| Date. | | | Rainfall for the week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake, as per Gauge readings. | | Height of water (above the lowest inlet to the Tower) available for supply. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. | At the commencement of the Week. | | At the end of the Week. | | When the Lake is full. |
| | | | Inches. | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. | Feet | Cents. | Feet. | Cents. | Ft. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 21 | June ... | 1891 | 1 | 17 | 1 | 17 | ... | ... | ... | ... | ... | ... | 25 |
| 28 | " ... | " | 8 | 00 | 4 | 17 | ... | ... | ... | ... | ... | ... | 25 |
| 5 | July ... | " | 17 | 28 | 21 | 45 | ... | 184·75 | ... | ... | 19 | 75 | 25 |
| 12 | " ... | " | 2 | 10 | 23 | 55 | 184·75 | 185·80 | 19 | 75 | 20 | 80 | 25 |
| 19 | " ... | " | 10 | 61 | 34 | 16 | 185·80 | 189·00 | 20 | 80 | 24 | 00 | 25 |
| 26 | " ... | " | 13 | 39 | 47 | 55 | 189 00 | 190·10 | 24 | 00 | 25 | 10 | 25 |
| 2 | August ... | " | 10 | 60 | 58 | 15 | 190·10 | 190·05 | 25 | 10 | 25 | 05 | 25 |
| 9 | " ... | " | 4 | 90 | 63 | 05 | 190·05 | 190·05 | 25 | 05 | 25 | 05 | 25 |
| 16 | " ... | " | 1 | 44 | 64 | 49 | 190·05 | 190·05 | 25 | 05 | 25 | 05 | 25 |
| 23 | " ... | " | 1 | 94 | 66 | 43 | 190·05 | 190·05 | 25 | 05 | 25 | 05 | 25 |
| 30 | " ... | " | 1 | 87 | 68 | 30 | 190·05 | 190·00 | 25 | 05 | 25 | 00 | 25 |
| 6 | September... | " | 7 | 89 | 76 | 19 | 190·00 | 190·05 | 25 | 00 | 25 | 05 | 25 |
| 13 | " ... | " | 1 | 82 | 78 | 01 | 190·05 | 190·05 | 25 | 05 | 25 | 05 | 25 |
| 20 | " ... | " | 1 | 98 | 79 | 99 | 190·05 | 190·05 | 25 | 05 | 25 | 05 | 25 |
| 27 | " ... | " | 3 | 86 | 83 | 85 | 190·05 | 190·00 | 25 | 05 | 25 | 00 | 25 |
| 4 | October ... | " | 4 | 25 | 88 | 10 | 190·00 | 190·05 | 25 | 00 | 25 | 05 | 25 |
| 11 | " ... | " | 1 | 10 | 89 | 20 | 190·05 | 190·00 | 25 | 05 | 25 | 00 | 25 |
| 18 | " ... | " | 00 | 00 | 89 | 20 | 190·00 | 189·75 | 25 | 00 | 24 | 75 | 25 |
| 25 | " ... | " | 00 | 00 | 89 | 20 | 189 75 | 189·50 | 24 | 75 | 24 | 50 | 25 |
| 1 | November... | " | 00 | 00 | 89 | 20 | 189·50 | 189·35 | 24 | 50 | 24 | 35 | 25 |
| 8 | " ... | " | 00 | 00 | 89 | 20 | 189·35 | 189·20 | 24 | 35 | 24 | 20 | 25 |
| 15 | " ... | " | 00 | 00 | 89 | 20 | 189·20 | 189·00 | 24 | 20 | 24 | 00 | 25 |
| 22 | " ... | " | 00 | 00 | 89 | 20 | 189·00 | 188·85 | 24 | 00 | 23 | 85 | 25 |
| 29 | " ... | " | 00 | 00 | 89 | 20 | 188·85 | 188·65 | 23 | 85 | 23 | 65 | 25 |
| 6 | December ... | " | 00 | 00 | 89 | 20 | 188·65 | 188·55 | 23 | 65 | 23 | 55 | 25 |
| 13 | " ... | " | ... | ... | 89 | 20 | 188·55 | 188·40 | 23 | 55 | 23 | 40 | 25 |
| 20 | " ... | " | ... | ... | 89 | 20 | 188·40 | 188·30 | 23 | 40 | 23 | 30 | 25 |
| 27 | " ... | " | ... | ... | 89 | 20 | 188·30 | 188·20 | 23 | 30 | 23 | 20 | 25 |
| 3 | January ... | 1892 | ... | ... | 00 | 00 | 188·20 | 188·05 | 23 | 20 | 23 | 05 | 25 |
| 10 | " ... | " | ... | ... | ... | ... | 188·05 | 187·90 | 23 | 05 | 22 | 90 | 25 |
| 17 | " ... | " | ... | ... | ... | ... | 187·90 | 187·80 | 22 | 90 | 22 | 80 | 25 |
| 24 | " ... | " | ... | ... | ... | ... | 187·80 | 187·70 | 22 | 80 | 22 | 70 | 25 |
| 31 | " ... | " | ... | ... | ... | ... | 187·70 | 187·60 | 22 | 70 | 22 | 60 | 25 |
| 7 | February ... | " | ... | ... | ... | ... | 187·60 | 187·45 | 22 | 60 | 22 | 45 | 25 |
| 14 | " ... | " | ... | ... | ... | ... | 187·45 | 187·35 | 22 | 45 | 22 | 35 | 25 |
| 21 | " ... | " | ... | ... | ... | ... | 187·35 | 187·20 | 22 | 35 | 22 | 20 | 25 |
| 28 | " ... | " | ... | ... | ... | ... | 187·20 | 184·20 | 22 | 20 | 19 | 20 | 25 |
| 6 | March ... | " | ... | ... | ... | ... | 184·20 | 179·65 | 19 | 20 | 14 | 65 | 25 |
| 13 | " ... | " | ... | ... | ... | ... | 179·65 | 179·55 | 14 | 65 | 14 | 55 | 25 |
| 20 | " ... | " | ... | ... | ... | ... | 179·55 | 178·55 | 14 | 55 | 13 | 55 | 25 |
| 27 | " ... | " | ... | ... | ... | ... | 178·55 | 178·35 | 13 | 55 | 13 | 35 | 25 |

S. TOMLINSON, M. INST. C.E.,
Deputy Executive Engineer in charge Water Works.

## APPENDIX C—*continued.*

STATEMENT showing details of the Storage and Consumption of Water in Tansa Lake for the year 1891-92.

| Date. | | | Rainfall for the Week. | | Rainfall up to date for the Year. | | Reduced Level of the Surface of the Water in the Lake, as per Gauge readings. | | Height of Water (above the lowest inlet to the Tower) available for supply. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | At the commencement of the Week. | At the end of the Week. | At the commencement of the Week. | | At the end of the Week. | | When the Lake is full. | |
| | | | Inches. | Cents. | Inches. | Cents. | Ft. T.H.D. | Ft. T.H.D. | Feet. | Cents. | Feet. | Cents. | Ft. | Ct. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| *19 | July ... | 1891 | ... | ... | ... | ... | ... | ... | ... | ... | .. | ... | ... | ... |
| 26 | " ... | " | 14 | 77 | 34 | 86 | 382·48 | 392·62 | 2 | 48 | 12 | 62 | ... | ... |
| 2 | August ... | " | 13 | 20 | 48 | 06 | 392·62 | 405·50 | 12 | 62 | 25 | 50 | 25 | 00 |
| 9 | " ... | " | 8 | 75 | 56 | 81 | 405·50 | 405·25 | 25 | 50 | 25 | 25 | 25 | 00 |
| 16 | " ... | " | ... | 72 | 57 | 53 | 405·25 | 405·00 | 25 | 25 | 25 | 00 | 25 | 00 |
| 23 | " ... | " | 1 | 98 | 59 | 51 | 405·00 | 405·01 | 25 | 00 | 25 | 01 | 25 | 00 |
| 30 | " ... | " | 6 | 39 | 65 | 90 | 405·01 | 405·33 | 25 | 01 | 25 | 33 | 25 | 00 |
| 6 | September.. | " | 6 | 35 | 72 | 25 | 405·33 | 405·12 | 25 | 33 | 25 | 12 | 25 | 00 |
| 13 | " ... | " | 1 | 92 | 74 | 17 | 405·12 | 405·09 | 25 | 12 | 25 | 09 | 25 | 00 |
| 20 | " ... | " | 1 | 83 | 76 | 00 | 405·09 | 405·00 | 25 | 09 | 25 | 00 | 25 | 00 |
| 27 | " ... | " | 4 | 40 | 80 | 40 | 405·00 | 405·19 | 25 | 00 | 25 | 19 | 25 | 00 |
| 4 | October ... | " | 1 | 44 | 81 | 84 | 405·19 | 405·00 | 25 | 19 | 25 | 00 | 25 | 00 |
| 11 | " ... | " | ... | 00 | 81 | 84 | 405·00 | 405·00 | 25 | 00 | 25 | 00 | 25 | 00 |
| 18 | " ... | " | ... | 82 | 82 | 66 | 405·00 | 405·00 | 25 | 00 | 25 | 00 | 25 | 00 |
| 22 | " ... | " | ... | 00 | 82 | 66 | 405·00 | 404·76 | 25 | 00 | 24 | 76 | 25 | 00 |
| 1 | November... | " | ... | ... | 82 | 66 | 404·76 | 404·66 | 24 | 76 | 24 | 66 | 25 | 00 |
| 8 | " ... | " | ... | ... | 82 | 66 | 404·66 | 404·51 | 24 | 66 | 24 | 51 | 25 | 00 |
| 15 | " ... | " | ... | 30 | 82 | 96 | 404·51 | 404·43 | 24 | 51 | 24 | 43 | 25 | 00 |
| 22 | " ... | " | ... | ... | 82 | 96 | 404·43 | 404·30 | 24 | 43 | 24 | 30 | 25 | 00 |
| 29 | " ... | " | ... | ... | 82 | 96 | 404·30 | 404·18 | 24 | 30 | 24 | 18 | 25 | 00 |
| 6 | December... | " | ... | ... | 82 | 96 | 404·18 | 404·08 | 24 | 18 | 24 | 08 | 25 | 00 |
| 13 | " ... | " | ... | ... | 82 | 96 | 404·08 | 403·98 | 24 | 08 | 23 | 98 | 25 | 00 |
| 20 | " ... | " | ... | ... | 82 | 96 | 403·98 | 403·88 | 23 | 98 | 23 | 88 | 25 | 00 |
| 27 | " ... | " | ... | ... | 82 | 96 | 403·88 | 403·79 | 23 | 88 | 23 | 79 | 25 | 00 |
| 3 | January ... | 1892 | ... | ... | 82 | 96 | 403·79 | 403·68 | 23 | 79 | 23 | 68 | 25 | 00 |
| 10 | " ... | " | ... | ... | 82 | 96 | 403·68 | 403·58 | 23 | 68 | 23 | 58 | 25 | 00 |
| 17 | " ... | " | ... | ... | 82 | 96 | 403·58 | 403·52 | 23 | 58 | 23 | 52 | 25 | 00 |
| 24 | " ... | " | ... | ... | 82 | 96 | 403·52 | 403·44 | 23 | 52 | 23 | 44 | 25 | 00 |
| 31 | " ... | " | ... | ... | 82 | 96 | 403·44 | 403·35 | 23 | 44 | 23 | 35 | 25 | 00 |
| 7 | February ... | " | ... | ... | 82 | 96 | 403·35 | 403·25 | 23 | 35 | 23 | 25 | 25 | 00 |
| 14 | " ... | " | ... | ... | 82 | 96 | 403·25 | 403·11 | 23 | 25 | 23 | 11 | 25 | 00 |
| 21 | " ... | " | ... | ... | 82 | 96 | 403·11 | 402·95 | 23 | 11 | 22 | 95 | 25 | 00 |
| 28 | " ... | " | ... | ... | 82 | 96 | 402·95 | 402·73 | 22 | 95 | 22 | 73 | 25 | 00 |
| 6 | March ... | " | ... | ... | ... | ... | 402·73 | 402·54 | 22 | 73 | 22 | 54 | 25 | 00 |
| 13 | " ... | " | ... | ... | ... | ... | 402·54 | 402·39 | 22 | 54 | 22 | 39 | 25 | 00 |
| 20 | " ... | " | ... | ... | ... | ... | 402·39 | 402·14 | 22 | 39 | 22 | 14 | 25 | 00 |
| 27 | " ... | " | ... | ... | ... | ... | 402·14 | 401·89 | 22 | 14 | 21 | 89 | 25 | 00 |

* Up to the morning of 19th July 1891, rainfall registered at Dam, 20·09; reduced level of water in Lake, 382·48; reduced level of Waste Weir, 405·00; reduced level of sill of lowest outlet, 380·00.

W. CLERKE, C.E.,
Executive Engineer, Tansa Water Works.

Appendix D.

# PROGRESS REPORTS

## 1891

## OF NEW WORKS.

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF MARCH 1891

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I.—WATER WORKS. | Rs. | | | |
| WORKS IN PROGRESS. | | | | |
| 1. Providing an asphaltic or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto. | 97,930 | Loan ..... | 8th July 1889 ... | 8th July 1889 ... |
| 2. Pawai Works..... | 4,55,000 | Do. ..... | 25th Nov. 1889... | 25th Nov. 1889... |
| 3. Additional water mains ..... | 1,00,000 | Do. ..... | 23rd Jan. 1890 ... | ..... |
| WORKS TO BE COMMENCED. | | | | |
| 4. Stove and tank for dipping pipes ..... | ... | ... | ..... | ..... |
| 5. Rebuilding eastern wall of Bhuudarwada Reservoir. | 65,000 | Cur. rev... | 23rd Jan. 1890 ... | 1st March 1890 ... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 17th Dec. 1889... | 31st Mar. 1891 ... | 79,560 | Asphalte floor of settling basin completed; some pointing of walls done; turbine and pump almost erected, and at work since 10th January; inlet well and channel remaining to be repaired. |
| 24th Dec. 1889.. | 31st May 1891 ... | 4,40,202 | Dams, Engineer's quarters practically completed; some minor works to be undertaken. |
| ..... | Do. | 67,049 | Work of laying pipes almost completed. |
| ..... | 31st May 1891 ... | ..... | Balance of Rs. 1,292 out of the grant of Rs. 25,000 for constructing store-room and offices and filling compound at Water Works Stores, available for this work. |
| ..... | Do. | 181 | Balance of the grant transferred to work of repairing of the filter beds (Corporation Resolution No. 11729 of 12-2-91); contract entered into with Indian Patent Stone Co. for repairing walls and floor of 5 filters; work commenced. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| II.—SEWERAGE AND HOUSE CONNECTIONS. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 6. Provisions for shaft ventilators ..... | 45,652 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 7. Agripada pipe sewers ..... | 1,14,260 | Do. ..... | 16th May 1883 ... | 2nd Jan. 1884 ... |
| 8. Ovoid sewer from Crawford Market to Mint. | 93,140 | Do. ..... | Do. ... | Do. ... |
| 9. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev.. | 1st Mar. 1888... | 1st Mar. 1888 ... |
| 10. 9″ Pipe sewer along Bellasis Road, Foras Road and Gilder Street. | 29,822 | Loan ..... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| 11. Special repairs to machinery, Love Grove Pumping Station, Warli. | 16,000 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| 12. Altering connection of main drain with main sewer at Bellasis Bridge. | 1,100 | Cur. rev... | ..... | ..... |
| WORKS IN PROGRESS. | | | | |
| 13. House connections without privy fittings in the first sections of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 14. Automatic flushers at heads of gullies... | 5,570 | Do. ..... | Do. ... | ..... |
| 15. Drainage of Fort ..... | 4,13,909 | Do. ..... | 22nd Dec. 1881... | 22nd Dec. 1884... |
| 16. Queen's Road and Girgaum sewerage and house connection works. | 11,14,929 | Do. ..... | 28th July 1887 ... | 28th July 1887 ... |
| 17. Providing ventilating shafts between Wari Bunder and Carnac Bridge. | 2,048 | Do. ..... | 9th Apr. 1886 .... | 9th Apr. 1888... |
| 18. New latrines and urinals ..... | 41,238-11-3 | Cur. rev.... | ..... | ..... |
| 19. New latrine at Bandora Slaughter House. | 3,939 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| 20. Do. at Love Grove Pumping Station. | 1,617 | Do. ... | Do. ... | Do. ... |
| 21. Diverting pipe sewers along the site of the proposed overbridge at Falkland Road to allow the construction of the Bridge. | 10,338 | Do. ... | 28th Aug. 1890... | 28th Aug. 1890... |
| WORKS TO BE COMMENCED. | | | | |
| 22. Kamathipura privy connections ..... | 40,765 | Loan ..... | 8th Dec. 1881... | ..... |
| 23. House connections in Agripada District. | 2,18,612 | Do. ... .. | 8th Oct. 1888 .. | ..... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 44,947 | Work completed. |
| 20th Mar. 1884... | 30th June 1885... | 1,14,260 | Work completed ; certified expenditure is according to the Arbitrator's award. |
| Do. ... | 16th June 1885... | 91,846 | Works completed ; accounts adjusted; contractors have applied for extra allowances, but their application has been refused by the Commissioner. |
| ..... | ..... | 3,076 | The remaining one iron and four masonry shafts are under construction. |
| 15th Feb. 1889... | 15th Aug. 1889... | 19,044 | Work completed. Final accounts being adjusted. |
| ..... | ..... | 16,000 | Repairs completed ; accounts to be adjusted. |
| ..... | ..... | ..... | Completed departmentally ; accounts to be adjusted. |
| ..... | ..... | 85,174 | Khetwadi section of the work is done. |
| ..... | ..... | ..... | A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. New tenders for the work have been invited, but none received. |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 3,46,395 | Work nearly completed, being finished departmentally. |
| Nov. 1888.... | 1st Feb. 1891 ... | 6,62,124 | Work entrusted to Messrs. Bulkley & Co. |
| ..... | ..... | 725 | Work in hands of Messrs. Rahimtoola Bhaijibhai & Co., completed ; accounts being settled. |
| ..... | ..... | 456 | Portion of the work entrusted to petty works contractor. |
| ..... | ..... | ..... | Entrusted to petty works contractors. |
| ..... | ..... | ..... | Do. do. do. |
| ..... | ..... | 925 | The work is being executed departmentally. |
| ..... | ..... | ..... | The consideration of this matter has been deferred by the Corporation. |
| 3rd Nov. 1890... | 15th Oct. 1892 ... | 4,559 | Tender of Mr. Sitaram Lakshman accepted, contract signed on 13th October 1890, and the work will commence shortly. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| **III.—SURFACE DRAINAGE.** | | | | |
| WORKS COMPLETED. | | | | |
| 24. Water tables to Kamathipura 2nd Street. | 1,133 | Cur. rev.. | ..... | ..... |
| 25. Extension of Parel Road storm-water drain to Shepherd Road. | 33,749 | Loan ..... | 26th Mar. 1888. | 26th Mar. 1888... |
| 26. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ..... | Do. ... | Do. ... |
| 27. Five large masonry gullies for storm-water in Kamathipura. | 3,064 | Cur. rev... | 15th Mar. 1889. | 15th Mar. 1888. |
| 28. Masonry gullies for storm-water at junction of Kavasjee Patel Tank Street and Kika Street. | 446 | Do. ... | Do. ... | Do. ... |
| 29. Fifty masonry gullies between Wari Bundar and the Fort Market. | 14,778 | Loan ..... | 9th Apr. 1888... | 9th Apr. 1888... |
| 30 Raising manholes between Wari Bundar and the Fort Market. | 4,619 | Do. ... | Do. ... | Do. ... |
| 31. Additional manholes ..... | 3,526 | Do. ... | Do. ... | Do. ... |
| 32. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge. | 2,245 | Cur. rev.. | ..... | ..... |
| WORKS IN PROGRESS. | | | | |
| 33. Connection of Parel Road storm-water drain at Paidhoni with Abdul Rahiman Street drain. | 6,230 | Cur. rev... | ..... | ..... |
| 34. Extension of drain across Parel Road up Love Lane as far as the end of drain in the compound of the Marwadi Temple. | 7,750 | Do. ... | ..... | ..... |
| 35. Storm-water drain in Hornby Road from Salvation Hall to Bazaar Gate Street. | 9,501 | Do. ... | ..... | ..... |
| 36. Storm-water drain from hollow part of Charni Road at back of Dharamsala to Falkland Road drain. | 5,835 | Do. ... | ..... | ..... |
| 37. New drain and a water entrance at the junction of Foras Road and Gilder Street. | 929 | Do. ... | 23rd Jan. 1890... | 1st Mar. 1890 .. |
| 38. Masonry side drain in Belvidere Road. | 597 | Do. ... | Do. ... | Do. ... |
| 39. Alteration of arch over Bhuleshwar storm-water drain. | 4,005 | Do. ... | Do. ... | Do. ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 1,128 | Work completed. Bills passed. |
| 16th Feb. 1889 ... | 16th Sept. 1889... | 34,519 | The contractors not having completed the work, it has been finished departmentally. |
| Do. ... | Do. ... | | Work completed. |
| ..... | ..... | 2,773 | Work entrusted to petty contractor; completed. |
| ..... | ..... | 269 | Do. do. do. |
| ..... | ..... | 15,376 | Work completed by Messrs. Rahimtoola Bhaijibhai & Co.; final accounts to be passed. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | Entrusted to the petty works contractors; completed; accounts are to be adjusted. |
| 29th Sept. 1890... | 31st Dec. 1890 . | 19,522 | Messrs. Rahimtoola Bhaijibhai & Co.'s tender has been accepted. Work commenced on 29th September 1890. |
| Do. ... | Do. ... | | |
| Do. ... | Do. ... | | |
| Do. ... | Do. ... | | |
| ..... | ..... | ..... | Entrusted to petty works contractors. |
| ..... | ..... | ..... | Do. do. do. |
| ..... | ..... | 903 | |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 40. Metalling with tarred road metal the Health Department Stable at Paltan Road. | 8,280 | Cur. rev. ... | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 41. Additional storey over porch of bungalow at the Bandora Slaughter-houses. | 1,824 | Do. ... | Do. ... | Do. ... |
| 42. Erskine Road Market extension ..... | 4,04,122 | Loan ..... | 1st Dec. 1887 and 8th Mar. 1888. | 1st Dec. 1887 and 8th Mar. 1888. |
| WORKS IN PROGRESS. | | | | |
| 43. Enlargement of Dhobies' lines, Mahaluxmi. | 45,652 | Do. ..... | 16th May 1883 ... | 4th Feb. 1884 ... |
| 44. Cross road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 45. Night-soil depôt near the junction of DeLisle and Carroll Roads. | 26,394 | Cur. rev... | 25th Apr. 1888... | 25th Apr. 1888 ... |
| 46. Retaining wall extension, Walkeshwar Road. | 4,150 | Do. ... | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 47. Fencing both sides of Tank Bundar round with wooden posts and wrought iron pipe rails. | 1,323 | Do. ... | ..... | 1st Mar. 1890 ... |
| 48. Roads and streets in Agripada and elsewhere. | 4,06,600 | Loan ... | ..... | ..... |
| 49. Privy accommodation for staff at Bori Bunder Stables (Paltan Road). | 604 | Cur. rev... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| WORKS TO BE COMMENCED. | | | | |
| 50. Engineer's chaukies..... | 20,000 | Cur. rev... | Budget for 1883-84. | Budget for 1883-84. |
| 51. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882 ... | 28th July 1882... |
| 52. Health Department Stables, F & G Wards. | * 23,992 | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 53. New Market at Colaba ..... ..... | 50,300 | Loan ... | 26th Mar. 1888... | 26th Mar. 1888... |
| 54. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ..... | 25th Apr. 1888... | 25th Apr. 1888... |
| 55. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction. | 23,676 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 56. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Do. ..... | Do. ... | Do. ... |
| 57. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir. | 4,888 | Cur. rev. .. | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 58. Extension of the Mutton Markets, &c., Crawford Market. | 49,942 | Loan ..... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| 59. Extension of Bhuleshvar Market ..... | 4,50,000 | Do. ..... | 9th July 1888 ... | 9th July 1888 ... |

* From this sum Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Mar. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 6,818 0 0 | Work completed. |
| ..... | ..... | 1,782 0 7 | Do. |
| ..... | ..... | 3,36,531 0 0 | Work completed ; final accounts to be settled. |
| 1st May 1889 ... | 31st Mar. 1890 ... | 28,180 0 0 | Work of the enlargement of lines completed, and also the 9″ pipe drain. Accounts to be adjusted. |
| 15th Feb. 1889 ... | 15th July 1889 ... | 15,295 0 0 | Work in progress. The contractors having failed to complete, it is being done departmentally at the risk and expense of the contractors. |
| ..... | ..... | 7,584 7 11 | Tenders invited for the second time but none received. An objection is taken to the site by David Mills Co. |
| ..... | ..... | 4,446 0 0 | Work in progress departmentally. |
| ..... | ..... | ..... | This amount is not sufficient for the work. |
| ..... | ..... | 1,61,620 0 0 | Lines of roads are being marked out on plans. |
| ..... | ..... | ..... | Entrusted to petty works contractors. |
| ..... | ..... | 15,309 0 0 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms. |
| ..... | ..... | | |
| ..... | ..... | 10,009 0 0 | Land acquired ; designs are awaiting approval. |
| ..... | ..... | ..... | Site of market not yet settled. |
| ..... | ..... | ..... | The question of site to be decided in 1892. |
| ..... | ..... | ..... | Owner unwilling to sell. |
| ..... | ..... | ..... | Negotiations proceeding for acquisition of properties. |
| ..... | ..... | 294 0 0 | Work not undertaken, pending consideration of Mr. Baldwin Latham's report. Some quantity of rubble deposited on the bank that it may not be washed away. |
| ..... | ..... | 282 0 0 | |
| ..... | ..... | 2,39,510 0 0 | Land acquired ; plans under preparation. |

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF JUNE 1891

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| I.—WATER WORKS. | | | | |
| WORKS COMPLETED. | | | | |
| 1. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto. | 97,930 | Loan ..... | 8th July 1889... | 8th July 1889 ... |
| 2. Pawai Works..... | 4,55,000 | Do. ..... | 25th Nov. 1889... | 25th Nov. 1889... |
| 3. Water cushions for inlet of filters at Malabar Hill Reservoir. | 2,072 | ... | ..... | ..... |
| 4. Rebuilding eastern wall of Bhundarwada Reservoir. | 65,500 | Cur. rev... | 23rd Jan. 1890 ... | 1st March 1890 ... |
| WORKS IN PROGRESS. | | | | |
| 5. Additional water mains ..... | 1,00,000 | Loan ..... | 23rd Jan. 1890 .. | ..... |
| WORKS TO BE COMMENCED. | | | | |
| 6. Stove and tank for dipping pipes at the Water Works Stores. | ... | ... | ..... | ..... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 17th Dec. 1889... | 30th June 1891... | 94,963 | Work completed 30th June 1891; final account to be submitted. |
| 24th Dec. 1889.. | Do. ... | 4,51,638 | Work completed 30th June 1891; final account for extra works to be submitted. |
| ..... | Do. ... | 1,770 | Work completed 30th June 1891; final accounts not ready. |
| ..... | 31st May 1891 ... | 22,025 | Balance of the grant transferred to work of repairing five of the filter beds (Corporation Resolution No. 11729 of 12-2-91); contract entered into with Indian Patent Stone Co. for repairing 5 filters; work almost completed. |
| ..... | 20th July 1891... | 85,888 | Work of laying pipes almost completed. |
| ..... | ..... | ..... | Balance of Rs. 1,292 out of the grant of Rs. 25,000 for constructing store-room and offices and filling compound at Water Works Stores, available for this work. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| II.—SEWERAGE AND HOUSE CONNECTIONS. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 7. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev. | 1st Mar. 1888 | 1st Mar. 1888 |
| 8. Altering connection of main drain with main sewer at Bellasis Bridge. | 1,100 | Do. | ..... | ..... |
| WORKS IN PROGRESS. | | | | |
| 9. House connections without privy fittings in the first sections of Drainage Scheme. | 5,71,165 | Loan | 8th Dec. 1881 | ..... |
| 10. Automatic flushers at heads of gullies... | 5,570 | Do. | Do. | ..... |
| 11. Drainage of Fort ..... | 4,13,909 | Do. | 22nd Dec. 1884 | 22nd Dec. 1884 |
| 12. Queen's Road and Girgaum sewerage and house connection works. | 11,14,929 | Do. | 28th July 1887 | 28th July 1887 |
| 13. New latrines and urinals ..... | 41,238-11-3 | Cur. rev. | ..... | ..... |
| 14. New latrine at Bandora Slaughter House. | 8,939 | Do. | 23rd Jan. 1890 | 1st Mar. 1890 |
| 15. New latrine at Love Grove Pumping Station. | 1,617 | Do. | Do. | Do. |
| 16. Diverting pipe sewers along the site of the proposed overbridge at Falkland Road to allow the construction of the Bridge. | 10,338 | Do. | 28th Aug. 1890 | 28th Aug. 1890 |
| WORKS TO BE COMMENCED. | | | | |
| 17. Kamathipura privy connections ..... | 40,765 | Loan | 8th Dec. 1881 | ..... |
| 18. House connections in Agripada District. | 2,48,642 | Do. | 8th Oct. 1888 | ..... |

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 3,405-6-11 | The remaining one iron and four masonry shafts are under construction. |
| ..... | ..... | ..... | Completed departmentally; accounts to be adjusted. |
| ..... | ..... | 86,077 | Khetwadi section of the work is done. |
| ..... | ..... | ..... | A contract for supply of iron materials at a cost of Rs. 1,53,858 was sanctioned. New tenders for the work have been invited, but none received. |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 3,46,837 | Work nearly completed, being finished departmentally. |
| Nov. 1888.... | 1st Feb. 1891 ... | 3,05,458 | Work entrusted to Messrs. Bulkley & Co. |
| ..... | ..... | 580 | Partly completed; some works still in hands of petty work contractors. |
| ..... | ..... | ..... | Entrusted to petty work contractors. |
| ..... | ..... | ..... | Do. do. do. |
| ..... | ..... | 925 | The work is being executed departmentally. |
| ..... | ..... | ..... | The consideration of this matter has been deferred by the Corporation. |
| 3rd Nov. 1890... | 15th Oct. 1892 ... | 27,654 | Tender of Mr. Sitaram Lakshman accepted, contract signed on 13th October 1890, and the work will commence shortly. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| III.—SURFACE DRAINAGE. | | | | |
| WORKS COMPLETED. | | | | |
| 19. Extension of Parel Road storm-water drain to Shepherd Road. | 33,749 | Loan ..... | 26th Mar. 1888. | 26th Mar. 1888... |
| 20. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ..... | Do. ... | Do. ... |
| 21. Masonry culvert for the Agripada drain under new road near Clerk Road Bridge. | 2,245 | Cur. rev... | ..... | ..... |
| WORKS IN PROGRESS. | | | | |
| 22. New drain and a water entrance at the junction of Foras Road and Gilder Street. | 929 | Cur. rev... | 23rd Jan. 1890... | 1st Mar. 1890... |
| 23. Masonry side drain in Belvidere Road. | 597 | Do. ... | Do. ... | Do. ... |
| 24. Alteration of arch over Bhuleshvar storm-water drain. | 4,005 | Do. ... | Do. ... | Do. ... |
| 25. Storm-water drain and water entrances at the junction of Tardeo Road and Forgett Road. | 3,424 | Do. ... | Do. ... | Do. ... |
| 26. Storm-water drain at Colaba Causeway. | 4,740 | Surplus cash balance. | 19th Mar. 1891. | 19th Mar. 1891... |
| 27. Storm-water drain in Ghorapdeo Road. | 2,032 | Cur. rev... | 9th Feb. 1891... | 1st Mar. 1891 ... |
| 28. Alteration of surface drainage arrangements at the junction of Pedder and Warden Roads. | 176 | Do. ... | Do. ... | Do. ... |
| 29. Arrangements for flushing Parel and Bellasis Road storm-water drain from Babula Tank and Nagpada Tank. | 8,844 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890... |
| 30. Filling up the Aitken low-level sewer for short lengths near Bellasis Bridge and Clerk Road. | 99 | Do. ... | Do. ... | Do. ... |
| 31. Masonry gullies with masonry connecting drains in Bapty Road. | 333 | Do. ... | Do. ... | Do. ... |
| 32. Masonry gully with masonry drain in Hornby Road near the English Hotel. | ... | Do. ... | Do. ... | Do. ... |
| 33. Masonry side drain in Belvidere Road. | 597 | Do. ... | Do. ... | Do. ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| 16th Feb. 1889 ... | 16th Sept. 1889... | 37,798 | The contractors not having completed the w rk, it has been finished departmentally. |
| Do. ... | Do. ... | | Work completed. |
| ..... | ..... | ..... | Entrusted to the petty works contractors; completed accounts are to be adjusted. |
| ..... | ..... | 180 0 0 | Entrusted to petty works contractors. |
| ..... | ..... | ..... | Do. do. do. |
| ..... | ..... | 3,470 0 0 | Work being carried out departmentally. |
| ..... | ..... | 74 13 4 | Entrusted to petty works contractors. |
| ..... | ..... | 916 4 10 | Work being executed departmentally. |
| ..... | ..... | 229 9 1 | Do. do. |
| ..... | ..... | 140 0 0 | Do. do. |
| ..... | ..... | 590 0 0 | Entrusted to petty works contractors. |
| ..... | ..... | 81 2 0 | Work being carried out departmentally. |
| ..... | ..... | 5 14 0 | Work entrusted to petty works contractors; accounts are being adjusted. |
| ..... | ..... | 308 9 8 | Work completed by petty works contractors; accounts are being adjusted. |
| ..... | ..... | ..... | Work entrusted to petty works contractors. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 34. Metalling with tarred road metal the Health Department Stable at Paltan Road. | 8,280 | Cur. rev. .. | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 35. Additional storey over porch of bungalow at the Bandora Slaughter-houses. | 1,824 | Do. ... | Do. ... | Do. ... |
| 36. Erskine Road Market extension ..... | 4,04,122 | Loan ..... | 1st Dec. 1887 and 8th Mar. 1888. | 1st Dec. 1887 and 8th Mar. 1888. |
| WORKS IN PROGRESS. | | | | |
| 37. Enlargement of Dhobies' lines, Mahaluxmi. | 45,652 | Do. ..... | 16th May 1883 ... | 4th Feb. 1884 ... |
| 38. Cross road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 39. Night-soil depôt near the junction of DeLisle and Carroll Roads. | 26,894 | Cur. rev... | 25th Apr. 1888... | 25th Apr. 1888 ... |
| 40. Retaining wall extension, Walkeshwar Road. | 9,150 | Do. ... | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 41. Fencing both sides of Tank Bundar round with wooden posts and wrought iron pipe rails. | 1,323 | Do. ... | ..... | 1st Mar. 1890 ... |
| 42. Roads and streets in Agripada and elsewhere. | 4,06,600 | Loan ... | ..... | ..... |
| 43. Privy accommodation for staff at Bori Bunder Stables (Paltan Road). | 604 | Cur. rev... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| WORKS TO BE COMMENCED. | | | | |
| 44. Engineer's chaukies..... | 20,000 | Cur. rev... | Budget for 1883-84. | Budget for 1883-84. |
| 45. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882 ... | 28th July 1882... |
| 46. Health Department Stables, F & G Wards. | * 23,992 | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 47. New Market at Colaba ..... ..... | 50,300 | Loan ... | 26th Mar. 1888... | 26th Mar. 1888.. |
| 48. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ..... | 25th Apr. 1888... | 25th Apr. 1888... |
| 49. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction. | 23,676 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 50. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street. | 2,63,875 | Do. ..... | Do. ... | Do. ... |
| 51. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir. | 4,888 | Cur. rev. .. | 16th Jan. 1889 ... | 16th Jan. 1889 ... |

* From this sum Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 6,818 0 0 | Work completed. |
| ..... | ..... | 1,732 0 7 | Do. |
| ..... | ..... | 4,34,815 0 0 | Work completed; final accounts to be settled. The excess has been sanctioned in Corporation Resolution No. 2758 of 11th June 1891, to be met out of the premium received on the loan. |
| 1st May 1889 ... | 31st Mar. 1890... | 28,500 0 0 | Work of the enlargement of lines completed, and also the 9" pipe-drain. Accounts to be adjusted. |
| 15th Feb. 1889,... | 15th July 1889 ... | 20,173 0 0 | Work completed on 15th June 1891. The contractors having failed to complete, it is done departmentally at the risk and expense of the contractors. |
| ..... | ..... | 7,665 0 0 | Tenders invited for the second time but none received. An objection is taken to the site by David Mills Co. A new site is chosen at the north end and on the west side of DeLisle Road and its junction with Parbhadevi Road. Plans and estimates are being prepared. |
| ..... | ..... | 5,746 10 9 | Work in progress departmentally. |
| ..... | ..... | ..... | This amount is not sufficient for the work. |
| ..... | ..... | 3,12,391 6 10 | Lines of roads are being marked out on plans. |
| ..... | ..... | 80 2 6 | Work completed by petty works contractors; accounts are to be adjusted. |
| ..... | ..... | 19,751 0 0 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms. |
| ..... | ..... | | |
| ..... | ..... | 10,009 0 0 | Land acquired; designs are awaiting approval. |
| ..... | ..... | ..... | Site of market not yet settled. |
| ..... | ..... | ..... | The question of site to be decided in 1892. |
| ..... | ..... | ..... | Owner unwilling to sell. |
| ..... | ..... | ..... | Negotiations proceeding for acquisition of properties. |
| ..... | ..... | 294 0 0 | Work not undertaken, pending consideration of Mr. Baldwin Latham's report. Some quantity of rubble deposited on the bank that it may not be washed away. |

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| IV.—ROADS, BUILDINGS, &c.—*contd.* | | | | |
| WORKS TO BE COMMENCED.—*contd.* | | | | |
| 52. Extension of the Mutton Markets, &c., Crawford Market. | 49,942 | Loan ..... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| 53. Extension of Bhuleshvar Market ..... | 4,50,000 | Do. ..... | 9th July 1888 ... | 9th July 1888 ... |
| 54. Water cushions for inlets of filters at Malabar Hill Reservoir. | 2,072 | Cur. rev... | 9th Feb. 1891 ... | 1st Mar. 1891... |
| 55. Four half size masonry gullies with 6" C. I. connections in Eldon Road opposite the back of the High Court. | 529 | Do. ... | Do. ... | Do. ... |
| 56. Masonry gullies at the junction of Tardeo and Mahalakshmi Roads. | 891 | Do. ... | Do. ... | Do. ... |
| 57. Storm-water drain in Jagannath Sadashiv Street. | 2,170 | Do. ... | Do. ... | Do. ... |
| 58. Six C. I. manhole frames and covers on 12" pipe drain at Matharpakadi. | 291 | Do. ... | Do. ... | Do. ... |
| 59. Storm-water connection at the junction of DeLisle and Arthur Roads. | 114 | Do. ... | Do. ... | Do. ... |
| 60. Five openings on drain running through Dicks Tank latrines. | 145 | Do. ... | Do. ... | Do. ... |
| 61. Chawl of 17 rooms at Love Grove ..... | 9,367 | Do. ... | Do. ... | Do. ... |
| 62. Closing up with cast-iron the perforations in manhole covers. | 4,000 | Do. ... | Do. ... | Do. ... |
| 63. W. I. plates over openings of drain in Gilder Street. | 421 | Do. ... | Do. ... | Do. ... |
| 64. Renewing side drain in Love Lane..... | 286 | Do. ... | Do. ... | Do. ... |
| 65. Making fair weather connections of Agripada open drain with Ripon Road sewer. | 987 | Do. ... | Do. ... | Do. ... |
| 66. Converting the chunam shed at Bapty Road chowki into a new chowki. | 761 | Do. ... | Do. ... | Do. ... |
| 67. Water entrance near the English Hotel, Hornby Road. | 465 | Do. ... | Do. ... | Do. ... |
| 68 Twelve-chamber latrine and 2 urinals in Gilder Street. | 4,180 | Do. ... | Do. ... | Do. ... |
| 69. Four-chamber urinal in 2nd Bhoiwada Street. | 524 | Do. ... | Do. ... | Do. ... |
| 70. Retaining wall, Walkeshvar Road ..... | 5,000 | Do. ... | Do. ... | Do. ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of June 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 232 0 0 | |
| ..... | ..... | 2,40,474 0 0 | Land acquired ; plans under preparation. |
| ..... | ..... | ..... | |
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## BOMBAY MUNICIPALITY.

## PROGRESS REPORTS UP TO THE END OF SEPTEMBER 1891.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| I.—WATER WORKS. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 1. Providing an asphalte or concrete surface to the floor of the settling basin at Malabar Hill Reservoir and other works in connection thereto. | 1,00,000 | Loan ..... | 8th July 1889 ... | 8th July 1889 ... |
| 2. Pawai Works..... | 4,55,000 | Do. ..... | 25th Nov. 1889... | 25th Nov. 1889... |
| 3. Water cushions for inlet of filters at Malabar Hill Reservoir. | 2,072 Credit 75 | Cur. rev... | 9th Feb. 1891 ... | 1st March 1891.. |
| 4. Rebuilding eastern wall of Bhundarwada Reservoir. | 65,500 | Do. ... | 23rd Jan. 1890 ... | 1st March 1890 ... |
| 5. Providing 4" main in Dhanji Street ... | 1,200 | Do. ... | 11th June 1891... | 11th June 1891 . |
| 6. Providing 4" main in Parsi Bazaar Street, Colaba. | 3,350 | Do. ... | Do. ... | Do. ... |
| 7. Additional water mains ..... | 1,00,000 | Loan ..... | 23rd Jan. 1890 .. | ..... |
| WORK IN PROGRESS. | | | | |
| 8. Queen's Road 24" main..... | 63,360 | Do. .. | 9th July 1891... | 9th July 1891 . |
| WORKS TO BE COMMENCED. | | | | |
| 9. Stove and tank for dipping pipes at the Water Works Stores. | ... | ... | ..... | ..... |
| 10. Fencing and boundary stones for Pawai land. | 2,530 | ... | 11th June 1891... | 11th June 1891... |

APPENDICES TO RECORD.

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 17th Dec. 1889... | 30th June 1891... | 97,347 | Work completed, 30th June 1891. |
| 24th Dec. 1889.. | Do. ... | 4,51,988 | Work completed, 30th June 1891. |
| ..... | Do. ... | 2,147 | Work completed, 30th June 1891; final accounts adjusted. |
| ..... | 31st May 1891 ... | 24,786 | Balance of the grant transferred to work of repairing, distributing and settling basins, Corporation Resolution No. 6259, 3rd Sept. 1891, and will be commenced in the fair season. |
| ..... | ..... | 896 | |
| ..... | ..... | 2,922 | |
| ..... | 20th July 1891.. | 86,175 | Work of laying pipes almost completed. |
| 3rd Sep. 1891... | 3rd March 1892... | 250 | |
| ..... | ..... | ..... | Balance of Rs. 1,292 out of the grant of Rs. 25,000 for constructing store-room and offices and filling compound at Water Works Stores, available for this work which will be commenced in the fair season. |
| ..... | ..... | ..... | Tenders invited. |

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| II.—SEWERAGE AND HOUSE CONNECTIONS. | | | | |
| WORKS COMPLETED. | | | | |
| 11. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev. .. | 1st Mar. 1888 .. | 1st Mar. 1888 ... |
| 12. Altering connection of main drain with main sewer at Bellasis Bridge. | 1,100 | Do. ... | ..... | ..... |
| 13. Drainage of Fort ..... | 4,13,909 | Do. ... | 22nd Dec. 1884... | 22nd Dec. 1884... |
| 14. Queen's Road and Girgaum sewerage and house connection works. | 11,14,929 | Do. ... | 28th July 1887 ... | 28th July 1887 ... |
| 15. New latrine at Bandora Slaughter House. | 3,939 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| 16. New latrine at Love Grove Pumping Station. | 1,617 | Do. ... | Do. ... | Do. ... |
| WORKS IN PROGRESS. | | | | |
| 17. House connections without privy fittings in the first sections of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 18. Automatic flushers at heads of gullies... | 5,570 | Do. ..... | Do. ... | ..... |
| 19. New latrines and urinals ..... | 41,238-11-3 | Cur. rev.... | ..... | ..... |
| 20. Diverting pipe sewers along the site of the proposed overbridge at Falkland Road to allow the construction of the Bridge. | 10,338 | Do. ... | 28th Aug. 1890... | 28th Aug. 1890... |
| WORKS TO BE COMMENCED. | | | | |
| 21. Kamathipura privy connections ..... | 40,765 | Loan ..... | 8th Dec. 1881... | ..... |
| 22. House connections in Agripada District. | 2,48,642 | Do. ..... | 8th Oct. 1888 ... | ..... |
| 23. Construction of a 12" pipe sewer in continuation of the Arthur Road 15" pipe sewer. | 2,956 | Cur. rev... | 11th May 1891... | 11th May 1891... |

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 3,717-5-1 | The remaining one iron and four masonry shafts are under construction. |
| ..... | ..... | ..... | Completed departmentally; accounts to be adjusted. |
| 20th Oct. 1884... | 1st Mar. 1889 ... | 3,46,839 | Work nearly completed, being finished departmentally. |
| Nov. 1888.... | 1st Feb. 1891 ... | 8,60,187 | Work entrusted to Messrs. Bulkley & Co. and completed on 12th May 1891. Final accounts are to be adjusted. |
| ..... | ..... | ..... | Work completed by petty work contractors; accounts are to be adjusted. |
| ..... | ..... | 123-0-8 | Do. do. do. |
| ..... | ..... | 87,190 | Khetwadi section of the work is done. |
| ..... | ..... | ..... | A contract for supply of iron materials at a cost of Rs. 1,53,853 was sanctioned. New tenders for the work have been invited, but none received. |
| ..... | ..... | 7,416-10-1 | Portion of the work entrusted to petty works contractor. |
| ..... | ..... | 925 | The work is being executed departmentally. |
| ..... | ..... | ..... | The consideration of this matter has been deferred by the Corporation. |
| 3rd Nov. 1890... | 15th Oct. 1892 ... | 61,445-9-9 | Tender of Mr. Sitaram Lakshman accepted, contract signed on 13th October 1890, and the work commenced on 20th October 1890. |
| ..... | ..... | ..... | |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| III.—SURFACE DRAINAGE. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 24 Extension of Parel Road storm-water drain to Shepherd Road. | 33,749 | Loan ..... | 26th Mar. 1888. | 26th Mar. 1888... |
| 25. Storm-water drain from Bellasis Road to two-thirds the length of Ripon Road. | 23,436 | Do. ..... | Do. ... | Do. ... |
| 26. New drain and a water entrance at the junction of Foras Road and Gilder Street. | 929 | Cur. rev.. | 23rd Jan. 1890... | 1st Mar. 1890... |
| 27. Masonry side drain in Belvidere Road. | 597 | Do. ... | Do. ... | Do. ... |
| 28. Storm-water drain and water entrances at the junction of Tardeo Road and Forgett Road. | 3,424 | Do. ... | Do. ... | Do. ... |
| 29. Storm-water drain at Colaba Causeway. | 4,740 | Sur. cash balance. | 19th Mar. 1891. | 19th Mar. 1891... |
| 30. Alteration of surface drainage arrangements at the junction of Pedder and Warden Roads. | 176 | Cur. rev... | 9th Feb. 1891. | 1 Mar. 1891 ... |
| 31. Masonry gullies with masonry connecting drains in Bapty Road. | 333 | Do. ... | 23rd Jan. 1890 ... | 1 Mar. 1890 ... |
| WORKS IN PROGRESS. | | | | |
| 32. Storm-water drain in Ghorapdeo Road. | 2,032 | Cur. rev.. | 9th Feb. 1891 ... | 1st Mar. 1891 ... |
| 33. Arrangements for flushing Parel and Bellasis Road storm-water drain from Babula Tank and Nagpada Tank. | 8,841 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890... |
| 34. Filling up the Aitken low-level sewer for short lengths near Bellasis Bridge and Clerk Road. | 99 | Do. ... | Do. ... | Do. ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| 16th Feb. 1889 ... | 16th Sept. 1889... | 41,254 8 9 | The contractors not having completed the work, it has been finished departmentally. |
| Do. ... | Do. ... | | Work completed and final accounts passed. |
| ..... | ..... | 660 12 9 | Work completed. |
| ..... | ..... | 499 0 2 | Do. do. |
| ..... | ..... | 2,065 10 6 | Work completed by petty works contractors. |
| ..... | ..... | 4,870 0 0 | Work completed departmentally. |
| ..... | ..... | 169 14 2 | Work almost completed. |
| ..... | ..... | 269 5 1 | Work completed by petty works contractors. |
| ..... | ..... | 1,634 9 11 | Work being executed departmentally. |
| ..... | ..... | 776 4 11 | Entrusted to petty works contractors. |
| ..... | ..... | 81 2 0 | Work being carried out departmentally. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 35. Metalling with tarred road metal the Health Department Stable at Paltan Road. | 8,280 | Cur. rev.. | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 36. Additional storey over porch of bungalow at the Bandora Slaughter-houses. | 1,824 | Do. ... | Do. ... | Do. ... |
| 37. Erskine Road Market extension ..... | 4,04,122 | Loan ..... | 1st Dec. 1887 and 8th Mar. 1888. | 1st Dec. 1887 and 8th Mar. 1888. |
| 38. Enlargement of Dhobies' lines, Mahaluxmi. | 45,652 | Do. ..... | 16th May 1883... | 4th Feb. 1884 ... |
| 39. Cross road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 40. Fencing both sides of Tank Bundar round with wooden posts and wrought iron pipe rails. | 1,323 | Cur. rev... | ..... | 1st Mar. 1890 ... |
| 41. Privy accommodation for staff at Bori Bunder Stables (Paltan Road). | 604 | Do. ... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| WORKS IN PROGRESS. | | | | |
| 42. Night-soil depôt near the junction of DeLisle and Carroll Roads. | 26,394 | Do. ... | 25th Apr. 1888... | 25th Apr. 1888 ... |
| 43. Retaining wall extension, Walkeshwar Road. | 9,150 | Do. ... | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 44. Roads and streets in Agripada and elsewhere. | 15,00,000 | Loan ... | ..... | ..... |
| WORKS TO BE COMMENCED. | | | | |
| 45. Engineer's chaukies..... | 20,000 | Cur. rev... | Budget for 1883-84. | Budget for 1883-84. |
| 46. Ward Offices, Assessment Department. | 25,000 | Do. ... | 28th July 1882 ... | 28th July 1882... |
| 47. Health Department Stables, F & G Wds. | * 23,992 | Do. ... | Budget for 1885-86. | Budget for 1885-86. |
| 48. New Market at Colaba ..... | 50,300 | Loan ... | 26th Mar. 1888... | 26th Mar. 1888.. |
| 49. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ..... | 25th Apr. 1888... | 25th Apr. 1888... |
| 50. Purchase of 11,838 s. yds. of land at DeLisle and Arthur Roads Junction. | 23,676 | Do. ..... | 26th Mar. 1888... | 26th Mar. 1888... |
| 51. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street. | 3,32,023 | Do. ..... | Do. ... | Do. ... |
| 52. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir. | 4,888 | Cur. rev. .. | 16th Jan. 1889 .. | 16th Jan. 1889 ... |

* From this sum Rs. 5,305 were transferred to the grant for 1885-86 under Sec. IV., Maintenance

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Sept. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 6,818 6 5 | Work completed. |
| ..... | ..... | 1,782 0 7 | Do. |
| ..... | ..... | 4,31,647 0 0 | Work completed; final accounts to be settled. The excess has been sanctioned in Corporation Resolution No. 2758 of 11th June 1891, to be met out of the premium received on the loan. |
| 1st May 1889 ... | 31st Mar. 1890... | 28,500 0 0 | Work of the enlargement of lines completed, and also the 9" pipe-drain. |
| 15th Feb. 1889.... | 15th July 1889 ... | 19,594 4 8 | Work completed on 15th June 1891. The contractors having failed to complete, it has been done departmentally at the risk and expense of the *contractors*. |
| ..... | ..... | ..... | Work completed. |
| ..... | ..... | 80 2 6 | Work completed by petty works contractors; accounts are to be adjusted. |
| ..... | ..... | 10,000 11 7 | Tenders invited for the second time but none received. An objection is taken to the site by David Mills Co. A new site is chosen at the north end and on the west side of DeLisle Road and its junction with Parbhadevi Road. Plans and estimates are being prepared. |
| ..... | ..... | 7,617 14 8 | Work in progress departmentally. |
| ..... | ..... | 4,30,352 3 0 | Lines of roads are marked and sanctioned. |
| ..... | ..... | 19,751 0 0 | Offices for B Ward are delayed owing to the difficulty of negotiating for suitable sites on reasonable terms. |
| ..... | ..... | | |
| ..... | ..... | 10,008 11 5 | Land acquired; designs are awaiting approval. |
| ..... | ..... | ..... | Site of market not yet settled. |
| ..... | ..... | ..... | The question of site to be decided in 1892. |
| ..... | ..... | ..... | Owner unwilling to sell. |
| ..... | ..... | ..... | Negotiations at a stand-still. |
| ..... | ..... | 294 0 0 | Work not undertaken, pending consideration of Mr. Baldwin Latham's report. Some quantity of rubble deposited on the bank that it may not be washed away. |

of Love Grove Pumping Station, as per Town Council's Resolution No. 2107, dated 31st March 1888.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| IV.—ROADS, BUILDINGS, &c.—*contd.* | | | | |
| WORKS TO BE COMMENCED.—*contd.* | | | | |
| 53. Extension of the Mutton Markets, &c., Crawford Market. | 49,942 | Loan ..... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| 54. Extension of Bhuleshvar Market ..... | 4,50,000 | Do. ....., | 9th July 1888 ... | 9th July 1888 ... |
| 55. Four half size masonry gullies with 6" C. I. connections in Eldon Road opposite the back of the High Court. | 529 | Cur. Rev. | 9th Feb. 1891 ... | 1st Mar. 1891 ... |
| 56. Masonry gullies at the junction of Tardeo and Mahalakshmi Roads. | 891 | Do. ... | Do. ... | Do. ... |
| 57. Storm-water drain in Jagannath Sadashiv Street. | 2,170 | Do. ... | Do. ... | Do. ... |
| 58. Six C. I. manhole frames and covers on 12" pipe drain at Matharpakadi. | 291 | Do. ... | Do. ... | Do. ... |
| 59. Storm-water connection at the junction of DeLisle and Arthur Roads. | 114 | Do. ... | Do. ... | Do. ... |
| 60. Five openings on drain running through Dick's Tank latrines. | 145 | Do. ... | Do. ... | Do. ... |
| 61. Chawl of 17 rooms at Love Grove ..... | 9,367 | Do. ... | Do. ... | Do. ... |
| 62. Closing up with cast-iron the perforations in manhole covers. | 4,000 | Do. ... | Do. ... | Do. ... |
| 63. W. I. plates over openings of drain in Gilder Street. | 421 | Do. ... | Do. ... | Do. ... |
| 64. Renewing side drain in Love Lane..... | 286 | Do. ... | Do. ... | Do. ... |
| 65. Making fair weather connections of Agripada open drain with Ripon Road sewer. | 987 | Do. ... | Do. ... | Do. ... |
| 66. Converting the chunam shed at Bapty Road chowki into a new chowki. | 761 | Do. ... | Do ... | Do. ... |
| 67. Twelve-chamber latrine and 2 urinals in Gilder Street. | 4,180 | Do. ... | Do. ... | Do. ... |
| 68. Four-chamber urinal in 2nd Bhoiwada Street. | 524 | Do. ... | Do. ... | Do. ... |
| 69. Retaining wall, Walkeshvar Road ..... | 5,000 | Do. ... | Do. ... | Do. ... |
| 70. Building a new Bungalow for the Victoria Gardens Superintendent. | 14,203 | Do. ... | 16th July 1891... | 16th July 1891... |
| 71. Erecting a refreshment room in the Victoria Gardens. | 2,727 | Do. ... | Do. ... | Do. ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure, up to the end of Sept. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 232 0 0 | |
| ..... | ..... | 2,93,621 5 9 | Land acquired; plans prepared and forwarded for approval. |
| ..... | ..... | ..... | |
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| ..... | ..... | ..... | |
| ..... | ..... | ..... | Work in progress departmentally, *vide* item No. 43. |
| ..... | ..... | ..... | |
| ..... | ..... | ..... | |

BOMBAY MUNICIPALITY.

# PROGRESS REPORTS UP TO THE END OF DECEMBER 1891

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| I.—WATER WORKS. | | | | |
| Works in Progress. | | | | |
| 1. Rebuilding eastern wall of Bhundarwada Reservoir. | 65,500 | Cur. rev... | 23rd Jan. 1890 ... | 1st Mar. 1890.. |
| 2. Additional water mains ..... ..... | 1,00,000 | Loan ..... | Do. ... | ..... |
| 3. Queen's Road 24" main ..... | 63,360 | Do. ... | 9th July 1891... | 9th July 1891... |
| 4. Fencing and boundary stones for Pawai land. | 2,530 | ... | 11th June 1891... | 11th June 1891... |
| 5. Stove and tank for dipping pipes at the Water Works Stores. | ... | ... | ..... | ..... |

## OF NEW WORKS NOW IN COURSE OF CONSTRUCTION.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | 31st May 1891... | 24,736 | Balance of the grant transferred to work of repairing, distributing and settling basins, Corporation Resolution No. 6259, 3rd September 1891, and work commenced by Indian Patent Stone Company. |
| ..... | 20th July 1891... | 87,240 | Work of laying pipes almost completed. |
| 3rd Sep. 1891... | 3rd March 1892... | 19,675 | Work in progress. |
| ..... | ..... | ..... | Work in progress. |
| ..... | ..... | ..... | Balance of Rs. 1,292 out of the grant of Rs. 25,000 for constructing store-room and offices and filling compound at Water Works Stores, available for this work which has been commenced. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| **II.—SEWERAGE AND HOUSE CONNECTIONS.** | | | | |
| WORKS COMPLETED. | | | | |
| 6. Ventilating shafts, Marine Lines, Mayo Road and Queen's Road. | 6,750 | Cur. rev ... | 1st Mar. 1888 ... | 1st Mar. 1888 .. |
| 7. Altering connection of main drain with main sewer at Bellasis Bridge. | 1,100 | Do. ..... | ..... | ..... |
| 8. Drainage of Fort ..... | (a)4,13,909 | Do. ..... | 22nd Dec. 1884... | 22nd Dec. 1884.. |
| 9. Queen's Road and Girgaum sewerage and house connection works. | 11,14,929 | Do. ..... | 28th July 1887 ... | 28th July 1887.. |
| 10. New latrine at Bandora Slaughter House. | 8,939 | Do. ..... | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| 11. New latrine at Love Grove Pumping Station. | 1,617 | Do. ..... | Do. ... | Do. ... |
| WORKS IN PROGRESS. | | | | |
| 12. House connections without privy fittings in the first sections of Drainage Scheme. | 5,71,165 | Loan ..... | 8th Dec. 1881 ... | ..... |
| 13. Automatic flushers at heads of gullies... | 5,570 | Do. ..... | Do. ... | ..... |
| 14. New latrines and urinals ..... | 41,238-11-3 | Cur. rev... | ..... | ..... |
| 15. Diverting pipe sewers along the site of the proposed overbridge at Falkland Road to allow the construction of the Bridge. | 10,338 | Do. ... | 28th Aug. 1890... | 28th Aug. 1890... |
| WORKS TO BE COMMENCED. | | | | |
| 16. House connections in Agripada District. | 2,48,642 | Loan ..... | 8th Oct. 1888 ... | ..... |
| 17. Construction of a 12″ pipe sewer in continuation of the Arthur Road 15″ pipe sewer. | 2,956 | Cur. rev... | 11th May 1891 ... | 11th May 1891 ... |

(a) From the grant of Rs. 4,13,909, the sum of Rs. 4,521-1-6 has been transferred to meet the cost Resolution No. 1950

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| ..... | ..... | 3,717-5-1 | The remaining one iron and four masonry shafts are under construction. |
| 11th Dec. 1891... | ..... | ..... | Work being completed departmentally. |
| 20th Oct. 1885 ... | 1st Mar. 1889 ... | 3,46,839 | Work completed ; final accounts forwarded to Chief Accountant. |
| Nov. 1888 ... | 1st Feb. 1891 .. | 8,69,442 | Work entrusted to Messrs. Bulkley & Co. and completed on 12th May 1891. Final accounts not adjusted. |
| 4th January 1891 | 31st Dec. 1891 ... | 2,001-9-7 | Constructing road to the latrine is being carried out by petty works contractors. |
| 1st Do. | 26th June 1891 ... | 1,099-2-8 | Work completed. Petty work contractors' bill forwarded to the Chief Accountant. |
| ..... | ..... | 87,190 | Khetwadi section of the work is done. A contract for supply of iron materials at a cost of Rs. 1,53,858 has been carried out. |
| ..... | ..... | ..... | Work ordered to be proceeded with departmentally. |
| ..... | ..... | 10,422-4-7 | Portion of the work entrusted to petty work contractor. |
| 1st Nov. 1890 ... | ..... | 982-15-10 | The work is being executed departmentally. |
| 20th Oct. 1890 ... | 15th Oct. 1892 ... | 78,748 | Tender of Mr. Sitaram Lakshman accepted, contract signed on 13th October 1890, and the work commenced on 20th October 1890. |
| ..... | ..... | ..... | The work was taken in hand on 15th May 1891, but it was stopped on account of the approach of the rains and rock excavation. It cannot be recommenced until the 48" Tansa main is laid. |

of the pipe sewer from Clare Road along the south portion of Haines and DeLisle Roads. Corporation dated 5th June 1890.

## BOMBAY MUNICIPALITY.

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| III.—SURFACE DRAINAGE. | | | | |
| WORKS COMPLETED. | | | | |
| 18. Storm-water drain at Colaba Causeway. | 4,740 | Sur. cash balance. | 19th Mar. 1891. | 19th Mar. 1891.... |
| WORKS IN PROGRESS. | | | | |
| 19. Arrangements for flushing Parel and Bellasis Road storm-water drain from Babula Tank and Nagpada Tank. | 8,844 | Cur. rev... | 28rd Jan. 1890 ... | 1st Mar. 1890 ... |
| 20. Filling up the Aitken low-level sewer for short lengths near Bellasis Bridge and Clerk Road. | 99 | Do. ..... | Do. ... | Do. ... |

APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. | |
| 24th Apr. 1891... | 30th June 1891... | 4,661 0 0 | Work completed departmentally. Some slight improvements are being executed. |
| 21st Apr. 1891 ... | ..... | 844 0 0 | Work being carried out by petty work contractors. |
| 15th May 1891 ... | ..... | 31 2 0 | Work to be done departmentally in the hot season, when the ground water is lower. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| IV.—ROADS, BUILDINGS, &c. | Rs. | | | |
| WORKS COMPLETED. | | | | |
| 21. Cross Road at Mahaluxmi Station from Clerk Road to Haines Road. | 23,000 | Loan ..... | 26th March 1888. | 26th Mar. 1888... |
| 22. Privy accommodation for staff at Bori Bunder Stables (Paltan Road). | 604 | Cur. rev. | 23rd Jan. 1890 ... | 1st Mar. 1890 ... |
| WORKS IN PROGRESS. | | | | |
| 23. Night-soil depôt near the junction of DeLisle and Carroll Roads. | 26,394 | Do. ... | 25th April 1888 .. | 25th April 1888.. |
| 24. Retaining wall extension, Walkeshwar Road. | 9,150 | Do. ... | 16th Jan. 1889 ... | 16th Jan. 1889 ... |
| 25. Roads and streets in Agripada and elsewhere. | 15,00,000 | Loan ..... | ..... | ..... |
| 26. Halalcores chawls, in Khursetji Sooklaji's Street. | 86,000 | 35 Lakhs Loan. | 23rd Jan. 1890. | Nov. 1890 ... |
| WORKS TO BE COMMENCED. | | | | |
| 27. New Market at Colaba..... | 50,300 | Loan ..... | 26th March 1888. | 26th Mar. 1888 ... |
| 28. Purchase of land for chawls for the biggaris who clean the Arthur Crawford Markets and building the chawls. | 22,700 | Do. ... | 25th April 1888... | 25th April 1888.. |
| 29. Purchase of 11,838 sq. yds. of land at DeLisle and Arthur Roads Junction. | 23,676 | Do. ... | 26th March 1888. | 26th Mar. 1888... |
| 30. Road through Nowrojee Hill from Elphinstone Bridge to Dongri Street. | 3,32,023 | Do. ... | Do. ... | Do. ... |
| 31. Filling and pitching slope of portion of Haines Road forming boundary of the storm-water reservoir. | 4,888 | Cur. rev. | 16th Jan. 1889.... | 16th Jan. 1889 ... |

## APPENDICES TO RECORD.

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| 15th Feb. 1889.... | 15th July 1889 ... | 19,594 4 8 | Work completed on 15th June 1891. The contractors having failed to complete, it has been done departmentally at the risk and expense of the contractors. The accounts are being adjusted. |
| 20th Dec. 1890 ... | 28th Feb. 1891 ... | 80 2 6 | Work completed by petty works contractors; accounts are to be adjusted. |
| ..... | ..... | 10,409 8 3 | Tenders invited for the second time, but none received. An objection is taken to the site by David Mills Co. A new site is chosen at the north end and on the west side of DeLisle Road and its junction with Parbhadevi Road. Plans and estimates are being prepared. |
| ..... | ..... | 7,649 7 2 | Work in progress departmentally. There remains Rs. 1,500-8-10 of the grant of Rs. 5,000 allowed for the building of the retaining wall at Walkeshwar. The work proceeded until 19th June 1891, when with the near approach of the monsoon it was thought desirable not to open any more of the foundation, as even at ordinary tides the foundations were always full of water, so the work was finished with dry stone for a length of some 12 or 15'. The remaining portion of the grant is now to be spent in rebuilding this temporary piece. |
| ..... | ..... | 5,99,773 0 0 | Lines of roads are marked and sanctioned. The land for the Agripada District is being gradually acquired through the agency of a broker. When a sufficient area is acquired the construction of the streets will be taken in hand. The extent of land to be acquired is large, the operation of acquisition is difficult, but it is proceeding with all the expedition which is materially possible. |
| 19th June 1891... | ..... | 1,091 2 8 | Work entrusted to Messrs. Framji & Jewanji. |
| ..... | ..... | ..... | Site of market not yet settled. |
| ..... | ..... | ..... | The question of site to be decided in 1892. |
| ..... | ..... | ..... | Owner unwilling to sell. |
| ..... | ..... | 75 0 0 | Negotiations at a stand-still. |
| ..... | ..... | 294 0 0 | Work not undertaken, pending consideration of Mr. Baldwin Latham's report. Some quantity of rubble deposited on the bank that it may not be washed away. |

| Name and Description of Work or Grant. | Amount of Grant. | Fund to which Grant is debitable. | Date when Grant was sanctioned by the Corporation. | Date when Grant became available. |
|---|---|---|---|---|
| | Rs. | | | |
| IV.—ROADS, BUILDINGS, &c.—*contd.* | | | | |
| WORKS TO BE COMMENCED.—*contd.* | | | | |
| 32. Extension of the Mutton Markets, &c., Crawford Market. | 49,942 | Loan ..... | 26th Mar. 1888 ... | 26th Mar. 1888... |
| 33. Extension of Bhuleshvar Market ..... | 4,50,000 | Do. ..... | 9th July 1888 ... | 9th July 1888 ... |
| 34. Four half size masonry gullies with 6" C. I. connections in Eldon Road, opposite the back of the High Court. | 529 | Cur. rev. | 9th Feb. 1891 ... | 1st Mar. 1891 ... |
| 35. Masonry gullies at the junction of Tardeo and Mahalakshmi Roads. | 891 | Do. ... | Do. ... | Do. ... |
| 36. Storm-water drain in Jagannath Sadashiv Street. | 2,170 | Do. ... | Do. ... | Do. ... |
| 37. Six C. I. manhole frames and covers on 12" pipe drain at Matharpakadi. | 291 | Do. ... | Do. ... | Do. ... |
| 38. Storm-water connection at the junction of DeLisle and Arthur Roads. | 114 | Do. ... | Do. ... | Do. ... |
| 39. Five openings on drain running through Dick's Tank latrines. | 145 | Do. ... | Do. ... | Do. ... |
| 40. Chawl of 17 rooms at Love Grove ..... | 9,367 | Do. ... | Do. ... | Do. ... |
| 41. Closing up with cast-iron the perforations in manhole covers. | 4,000 | Do. ... | Do. ... | Do. ... |
| 42. W. I. plates over openings of drain in Gilder Street. | 421 | Do. ... | Do. ... | Do. ... |
| 43. Renewing side drain in Love Lane..... | 286 | Do. ... | Do. ... | Do. ... |
| 44. Making fair weather connections of Agripada open drain with Ripon Road sewer. | 987 | Do. ... | Do. ... | Do. ... |
| 45. Converting the chunam shed at Charni Road chowki into a new chowki. | 761 | Do. ... | Do. ... | Do. ... |
| 46. Six-chamber latrine and six-chamber urinals in Gilder Street at the junction of Falkland Road and Gilder Street. | 4,180 | Do. ... | Do. ... | Do. ... |
| 47. Four-chamber urinal in 2nd Bhoiwada Street. | 524 | Do. ... | Do. ... | Do. ... |
| 48. Building a new Bungalow for the Victoria Gardens Superintendent. | 14,203 | Do. ... | 16th July 1891... | 16th July 1891... |
| 49. Erecting a refreshment room in the Victoria Gardens. | 2,727 | Do. ... | Do. ... | Do. ... |
| 50. Parel Road Market ..... | 50,000 | Loan ..... | 17th April 1890... | 25th Sept. 1890... |
| 51. Kamathipura privy connections ..... | 27,187 | Do. ..... | 8th Dec. 1881 ... | ..... |

| Date of commencement of the Work. | Probable Date of completion of the Work. | Certified Expenditure up to the end of Dec. 1891. | Remarks. |
|---|---|---|---|
| | | Rs. a. p. | |
| ..... | ..... | 232 0 0 | This was deferred until the question whether the land south of the Markets should be acquired or not had been settled. It was then taken up again, and is now in progress of settlement. |
| ..... | ..... | 2,93,515 8 9 | Land acquired; plans prepared and forwarded for approval. Cannot be taken in hand till Government reply to the query, whether they will bear half the cost of providing school accommodation over the Market. |
| ..... | ..... | ..... | Work completed by petty work contractors. Bill not passed. |
| 4th Nov. 1891... | 11th Dec. 1891... | 30 2 4 | Work entrusted to petty work contractors (nearly finished). |
| 20th Nov. 1891... | 29th Feb. 1892... | ..... | Do. do. (in progress). |
| ..... | ..... | ..... | Do. do. ( do. ). |
| ..... | ..... | ..... | Do. do. |
| ..... | ..... | ..... | Work completed by petty work contractors. Accounts not adjusted. |
| ..... | ..... | ..... | Tenders have been invited. |
| 1st Oct. 1891 ... | ..... | 29 13 11 | Work entrusted to Messrs. Richardson and Cruddas. |
| ..... | ..... | ..... | Work entrusted to petty work contractors (in progress). |
| ..... | ..... | ..... | Work entrusted to petty work contractors. |
| 3rd Nov. 1891 .. | 29th Feb. 1892... | 894 6 8 | Work being carried out departmentally (nearly completed). |
| ..... | ..... | ..... | Work completed by petty work contractors. Bill not passed. |
| 2nd Jan. 1892... | 29th Feb. 1892... | 100 13 6 | Work in progress by petty work contractors. |
| 3th April 1891... | 10th Nov. 1891.. | ..... | Work entrusted to petty work contractors (nearly completed). |
| ..... | ..... | 125 0 0 | Messrs. Bhedwar & Co.'s tender is accepted. |
| ..... | ..... | 68 0 0 | Mr. Mukundrao Limbaji's tender is accepted. |
| ..... | ..... | ..... | Detail drawings and specifications are being prepared. |
| ..... | ..... | ..... | The consideration of this matter has been deferred by the Corporation. |

# Appendix E.

## Return of Fires as required under Section 364 of the City of Bombay Municipal Act, 1888.

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891 | | | | | | | |
| 17th March at 1 P.M. | Parbhadevi Road | Two jowli huts and contents destroyed | Bhowla Purusupartul. | Rs. 300... | Not known ... | Water used from a well. | Extinguished by inmates. No attendance by Brigade. Not insured. |
| 17th March at 5 A.M. | Mazagon ... | A thatched hut and some grass destroyed. | Kashinath Trimbak. | „ 5... | Kerosine lamp upset. | Water stored for domestic purposes. | Extinguished by inmates. No attendance by Brigade. Not insured. |
| 19th March at 11-55 P.M. | Meadow Street ... | Bed and bedding damaged by fire and water. | J. Mahomed ... | „ 80... | Careless use of a lighted lamp. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 20th March at 1-15 P.M. | Kambekar Street | A small quantity of kerosine oil destroyed. | Haji Joosib .. | Re. 1... | Careless use of matches. | No water used... | Extinguished by inmate. Insurance unknown. |
| 22nd March at 7-40 P.M. | Stone Bunder ... | A bed curtain destroyed. | Unknown ... | „ 1... | Upsetting of a lighted lamp. | Water stored for domestic purposes. | Extinguished by inmates. Insurance not known. |

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | Remarks. |
|---|---|---|---|---|---|---|---|
| 1891. | | | | | | | |
| 25th March at 3-45 P.M. | Parel Road ... | A large quantity of stable refuse burned on open ground. | Sir Dinshaw Manekji Petit, Bart. | Nil ... | Light thrown down. | Water used from main at once. | Extinguished by firemen with one Brigade steamer. Not insured. |
| 25th March at 6-20 P.M. | 102, Surti Mohalla, Duncan Road. | Some rubbish burned on roof. | Ladha Ebrahim. | Nil ... | Unknown ... | Water stored for domestic use. | Extinguished by inmates with buckets. Not insured. |
| 26th March at 5-20 A.M. | Station Road (Grant Road). | Store room on ground floor and contents damaged by fire and water. | Kavasji Merwanji. | Rs. 60 ... | Careless use of matches. | Water used at once from main | Extinguished by firemen with Brigade steamer. Insured. |
| 30th March at 2 P.M. | Mody Bundar ... | The centre portion of a stack of coal of about 2,000 tons damaged by fire. | Port Trust ... | Uncertain at present. | Spontaneous combustion. | Water used from sea and main at once. | Extinguished by firemen with 1 manual and hydrant. Insurance unknown. |
| 14th April at 2 P. M. | Duncan Road, Byculla. | Roof slightly damaged by fire. | Devchand Lalji. | Rs. 2 ... | Careless use of a fireplace. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 16th April at 7-35 A.M. | Victoria Bander, Lower Colaba. | A quantity of loose cotton damaged by fire and water. | Hasa Virji ... | Rs. | 25... | Stone in machinery. | Water stored on premises. | Extinguished by employés. Insured. |
| 17th April at 3 P.M. | Victoria Bandar, Lower Colaba | A quantity of loose cotton damaged by fire and water | Hasa Virji ... | „ | 200... | Stone in machinery. | Water stored on premises. | Extinguished by employés with buckets. Insured. (No attendance by Brigade.) |
| 17th April at 7-30 P.M. | 72, Kharsetjee Suklaji Street. | A kerosine lamp destroyed and a couch damaged by fire. | Kesowji Jadowji. | „ | 20... | Kerosine lamp exploding. | No water used... | Extinguished by inmates. Not insured. (No attendance by Brigade.) |
| 22nd April at 4-45 A.M. | Coppersmith Street. | A lean-to shed (used as store) and contents nearly destroyed. | Haji Kasam ... | } Rs. 3,000 | | Light thrown from building adjoining. | Water used at once from the mains. | Extinguished by firemen with 2 Brigade steamers, Insured. |
| Do. | Do. | A chawl of 5 floors adjoining side front and 2 rooms on second floor and contents severely damaged by fire; rest of building and contents by heat, smoke and water. | Bamanji Dhanjibhai. | | | Do. | Do. | Do. do. Not insured. |

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. | | | | | | | |
| 27th April at 2-30 P.M. | Victoria Bundar. | A quantity of loose cotton damaged by fire and water. | Gokaldas Kaliyanji. | Rs. 500 | Stone in Machinery. | Water stored on premises. | Extinguished by inmates. Insured. |
| 2nd May at 4 P.M. | Lower Colaba ... | A quantity of saw-dust burned. | Government ... | *Nil.* | Sparks from Locomotive. | Well-water used. | Extinguished by employés. Insurance unknown. (No attendance by Brigade.) |
| 2nd May at 5 10 P.M. | Mody Bundar ... | 2 coal stacks of 1,000 tons each, the centre portion damaged by fire. | Port Trust ... | Not at present ascertained. | Spontaneous combustion. | Water used from main during service, supply morning and evening. | Extinguished by firemen with one hydrant. Fire still burning. Insurance unknown. |
| 9th May at 2-15 P. M. | Victoria Bandar. | A quantity of loose cotton damaged by fire and water. | Mr. Assa Virji... | Rs. 2,000... | Stone in machinery. | Water stored on premises. | Extinguished by employés. Insured. |
| 13th May at 1-30 P. M. | Kamathipura Bazar Road. | Some cowdung cakes burned and roof of chawl damaged by fire. | Yelloobai ... | ,, 50 ... | Light thrown down. | Water used from main at once. | Extinguished by firemen with one manual. Not insured. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 16th May at 6-55 P. M. | Parel Road, Chinchpoogly. | A balloon with ropes and appendages destroyed. | Muncherjee Framji Cama. | Rs. 1,000... | Inflating apparatus coming in contact with balloon. | Water used from main at once. | Extinguished by firemen with one hydrant. Not insured. |
| 19th May at 8 A.M. | Victoria Bandar, Lower Colaba. | A small quantity of loose cotton damaged by fire and water. | Gokuldas Kalianjee. | „ 25... | Stone in machinery. | Water stored on premises. | Extinguished by inmates. Insured. |
| 21st May at 7-30 A.M. | Lower Colaba ... | Do. do. ... | Hira Manekji & Co. | „ 300... | Friction ... | Do. do. ... | Do. do. |
| 21st May at 2 P.M. | Do. ... | Do. do. ... | David Sassoon & Co. | „ 200... | Do. ... | Do. do. ... | Do. do. |
| 26th May at 12-30 P.M. | Grant Road Bridge. | A quantity of hay and a bullock cart destroyed on public road. | Wasta Kalianji.. | „ 60... | Not known ... | Water used from main at 12-38 P.M. | Extinguished by firemen with Brigade hydrant. Not insured. |
| 25th May at 10 A.M. | Mody Bunder ... | The centre portion of a coal stack of 2,600 tons damaged by fire. | British India Steam Navigation Company. | Not known.. | Spontaneous combustion. | Water used from main at intervals. | Extinguished by firemen with one hydrant. Insurance not known. |
| 2nd June at 10-20 P.M. | Mazagon ... | A corrugated iron shed used as workshop and stores nearly burned out and partly fallen down. | Port Trust ... | Rs. 2,500... | Unknown ... | Water used from main and sea at once. | Extinguished by firemen and Port Trust employés with 2 Brigade steamers and Port Trust steamer. Insurance unknown. |

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fires. | REMARKS |
|---|---|---|---|---|---|---|---|
| 1891. | | | | | | | |
| 8th June at 6 A.M. | Modi Bunder ... | The centre portion of a coal stack of 1,000 tons damaged by fire. | British India Steam Navigation Company. | Not known. | Spontaneous combustion. | Water used from main at once. | Extinguished by firemen with one hydrant. Insurance not known. |
| 9th June at 7-30 A.M. | Modi Bandar... | Centre portion of a coal stack of 600 tons damaged by fire. | Sheppard & Co... | Not known. | Spontaneous combustion. | Water used at once from main. | Extinguished by firemen with one hydrant; insurance not known. |
| 13th June at 7 P.M. | Do. ... | Centre portion of a coal stack of about 600 tons damaged by fire. | British India Steam Navigation Company. | Do. ... | Do. ... | Do. ... | Do. do. |
| 19th June at 4 P. M. | Parel Road, Chinchpogli. | A small quantity of waste cotton destroyed. | New Great Eastern Spinning and Weaving Co. | Nil ... | Stone in machinery. | Water used from tank on the premises. | Extinguished by mill employés with buckets. Insured. |
| 20th June at 1-58 P.M. | Kamathipura 3rd Street. | About 6′ × 6′ of flooring and joisting on 2nd floor damaged by fire. | Sambhaji Maloji. | Rs. 75 ... | Defective fireplace. | Water used at once from main. | Extinguished by firemen with one manual engine. Not insured. |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 29th June at 11-56 P. M. | Tardeo ... | A jowli shed destroyed. | Mahadu Govind. | Rs. 100... | Careless use of a kerosine lamp. | Water used at once from the main. | Extinguished by firemen with one Brigade stand-pipe. Not insured. |
| 3rd July at 3-13 A. M. | Sarung Street.... | A building of 2 floors about 50 × 20 feet, upper floor and contents nearly burned out and roof off rest of building and contents damaged by fire, heat and water. | Noorally Abdulally. | „ 9,000... | Not known ... | Do. do. ... | Extinguished by firemen with one hydrant and 1 steamer. Not insured. |
| 6th Aug. at 4-30 A.M. | Bhandarwada, Mahim. | A hut and contents destroyed. | Mr. Vithoba Mankoji. | „ 200... | Careless use of a kerosine lamp. | Water used from well. | Extinguished by inmates; insurance unknown. |
| 9th Aug. at 8-35 P.M. | Sirdar's Mansions, Apollo Bandar. | ..... | ..... | ..... | ..... | ..... | Alarm caused by a chimney on fire. |
| 12th Aug. at 7-30 P.M. | Suparibag Road, Parel. | The National S. & W. Mill. | Mr. Nusserwanji Maneckji Petit. | Rs. 200 ... | Friction of machinery. | Water used from tank on premises. | Extinguished by employés with steam pump. Insured. |
| 14th Aug. at 2-35 P.M. | Dadur ... | Distillery ... | The Government of Bombay (Abkari Dept.). | „ 30 ... | Overheating of still. | Water used from tank. | Extinguished by inmates. Not insured. |

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated damage. | Cause of Fire. | Time at which the water was turned on to and supplied at fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. | | | | | | | |
| 14th Aug. at 2-40 A.M. | Tardeo Road ... | The Oriental S. & W. Company. | Mr. Nusserwanji Maneckji Petit. | Rs. 300 ... | Spontaneous combustion. | Water used at once from main and tank-water on premises. | Extinguished by firemen with one Brigade steamer and Mill employés with steam pump. Insured. |
| 20th Aug. at 11 A.M. | No. 19, Edulji Street, Lower Colaba. | Wearing apparel... | Ganesh Abaji ... | Re. 1 ... | Careless smoking. | No water used... | Extinguished by neighbours. Insurance unknown. |
| 3rd Sept. at 10 A.M. | Parell Road ... | A small quantity of stock damaged by fire and water in shop. | Atmaram Bapshaw. | Rs. 25 ... | Careless use of fire. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 7th Sept. at 9 A.M. | Parell Road ... | Native Drugs ... | Syed Ameerudin. | Nominal ... | Over-heating of combustible drugs whilst boiling. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| September 13th at 8-30 P.M. | Sindee Gully ... | Stable ... | Ebram Fattabhoy. | Rs. | 100 | Not known .. | Water used from the main at once. | Extinguished by firemen with one hydrant. Not insured. |
| September 13th at 3 P.M. | Mahim Bazaar Cross Road. | 3 Jowli huts and contents nearly destroyed. | Vittoo Luxuman and Kalu Mahadu. | „ | 447 | Careless use of lamp. | Water used from well and main. | Extinguished by firemen with one manual and one hydrant. Not insured. |
| Sept. 18 at 2 A.M. | Victoria Bunder, Lower Colaba. | A cattle shed and contents slightly damaged. | Juggoo Hanmanta. | „ | 15 | Careless use of a lamp. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| September 27th at 8-45 P. M. | Babula Tank Road. | A kerosine lamp destroyed. | The Hon'ble Mr. Kasinath Trimbuck. | „ | 2 | Upsetting of a lighted lamp. | No water used... | Extinguished by inmates. Insurance unknown. |
| September 27th at 9-30 P. M. | Elphinstone Road, Mahim. | A jowli hut damaged by fire. | Maloo Krishna... | „ | 3 | Spark from oven. | Do. ... | Extinguished by Police. Insurance unknown. |
| October 7th at 10-30 P.M. | Colaba Causeway | A window frame damaged by fire. | Unknown ... | „ | 2 | Spark from fire. | Water stored for domestic purposes. | Extinguished by inmates. Insurance not known. |
| October 8th at 9-25 P.M. | Foras Road, Byculla. | Roof of out-house used as cookroom damaged by fire. | Dadabhai Nasarvanji. | „ | 10 | Kerosine lamp upset. | Do. do. | Extinguished by neighbours. Not insured. |

E 9

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. October 10th at 9-45 A.M. | Ripon Road, Hindustan Mill. | A quantity of cotton damaged by fire and water. | Thakersey Moolji & Co. | Rs. 600 | Stone in machinery. | Water used from a tank on the premises. | Extinguished by mill employés with steam-pump. Contents insured. |
| October 12th at 11-30 P.M. | Dharavi, Mahim. | Three jowli huts and contents and 4 bullock carts destroyed and 2 goats burned to death. | Hassin Ameen... | „ 630 | Kerosine lamp exploded. | Water used at once from main. | Extinguished by firemen with one brigade hydrant. Insurance unknown. |
| Oct. 15th at 11-45 A.M. | Parel Road, Mumbadevi. | A canvas and bamboo tent destroyed. | Ravi Punjari, Somnath Walji. | „ 10 | Careless use of fire. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| Oct. 15th at 10-45 P.M. | Sankli Tank Street. | A jowli hut destroyed. | Mr. Jamsetji Navroji. | „ 5 | Kerosine lamp upset. | Do. do. | Extinguished by neighbours. Insurance unknown. |
| Oct. 10th at 8 P.M. | Kharsetjee Suklaji St. | A kerosine lamp destroyed and a table cloth damaged by fire. | Mr. Lukmanji Nurbhai. | „ 7 | Kerosine lamp exploded. | No water used. | Extinguished by inmates. Insurance unknown. |

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|---|---|---|---|---|---|---|---|---|
| Oct. 26th, at 12 mid-night. | Kumbhar w a d a Road, Worli. | A jowli hut and contents damaged by fire. | Haji Maho m e d Lucktire. | Rs. | 35 | Doubtful ... | Water used from well. | Extinguished by neighb o u r s. Insurance unknown. |
| Oct. 29th, at 3-15 P.M. | Kama t h i pura 13th Lane. | Some rags burned . | The B o m b a y Municipality. | Nil. | | Careless use of matches. | Water stored for domestic purposes. | Extinguished by inmates. Insurance unknown. |
| Oct. 31st, at 8-25 A.M. | N i s h a n p a d a Street. | Shop and contents damaged by explosion and fire. | Devji Mulji ... | Rs. | 25 | Careless use of fireworks. | Do. ... | Extinguished by neig h b o u r s. Not insured. |
| Oct. 31st, at 11-30 A.M. | Agar B a z a a r, Parbh a d e v i Road. | Roof of jowli hut damaged by fire. | Revd. H. Keap. | Re | 1 | Spark from fireplace. | Water used from a tank. | Extinguished by inmates. Insurance unknown. |
| Nov. 2nd, at 7 P.M. | Arthur R o a d, Parel. | A number of paper decorations burned. | Ratanji Hardatt. | ,, | 1 | Kerosine lamp upset. | Water stored for domestic purposes. | Extinguished by inmates. Insured. |
| Nov. 3rd, at 11-15 P.M. | Bapty Road ... | A thatched hut and contents destroyed. | Makund Daji ... | Rs. | 10 | Unknown ... | Water used at once f r o m main. | Extinguished by firemen with Brigade hydrant. Not insured. |
| Nov. 1st, at 11 P.M. | Parel Road ... | A mattress damaged by fire. | Sorabji Rustomji | ,, | 2 | Careless use of fireworks. | No water used... | Extinguished by inmates. Insurance unknown. |
| Nov. 1st, at 12 noon. | Elp h i n s t o n e Road. | A jowli hut and contents destroyed by fire. | Nasarvanji Ardashir Wadia. | ,, | 35 | Careless use of fire. | Do. ... | Do. do. |

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the Water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. Nov. 6th at 7 P.M. | Dharavi Road ... | A small jowli hut destroyed. | Kasam Juma ... | Rs. 5 | Unknown ... | Water stored for domestic purposes. | Extinguished by inmates. Insurance unknown. |
| 8th Nov. at 4-20 P.M. | Mahaluxmi, Hindustan Mill. | A quantity of cotton damaged by fire and water. | Thakersey Mulji & Co. | ,, 200 | Stone in machinery. | Water used from a tank on premises. | Extinguished by firemen and Mill hands with private hydrants. Contents insured. |
| 9th Nov. at 5-15 A.M. | Abdul Rehman Street. | 1st floor and contents damaged by fire and water. | Muncherji Hormusji. | ,, 4,000 | Not known ... | Water used at once from main. | Extinguished by firemen with one Brigade steamer. Not insured. |
| 12th Nov. at 7-45 A.M. | Moonglachi Road (Lady Jamsetji Road). | A jowli hut and contents destroyed. | Sucaram Doalaji. | ,, 97 | Careless smoking. | Water used from well. | Extinguished by firemen with Brigade manual. Not insured. |

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|---|---|---|---|---|---|---|---|---|
| 11th Nov. at 12-30 A.M. | Gilder Street ... | A quantity of hay destroyed. | Merwanji Maneckji. | Rs. | 40 | Unknown ... | Water used from tank. | Extinguished by neighbours. Insurance unknown. |
| 16th Nov. at 11-15 A.M. | Charney Road... | Blowing-room chimney burned out, contents in mill slightly damaged by smoke and water, and roof by breakage. | Khatau Makanji & Co. | ,, | 1,000 | Do. ... | Water used from main at once and tank on premises. | Extinguished by firemen with 2 Brigade steamers; contents insured. |
| 18th Nov. at 1-30 P.M. | DeLisle Road ... | A small quantity of cotton damaged. | Messrs. Greaves, Cotton & Co. | | Nil | Careless smoking. | Water used from tank on premises. | Extinguished by Mill employés. Insured. |
| 20th Nov. at 5-45 P.M. | Ripon Road ... | A box and contents destroyed by fire. | Kanta Pershad Narayen. | Rs. | 147 | Not known ... | Water stored on premises. | Extinguished by inmates. Not insured. |
| 30th Nov. at 2 P.M. | Anantrishi Wadi | Part of roof and contents on upper floor damaged by fire and water. | Atmaram Narayen. | ,, | 250 | Not known ... | Water used from well. | Extinguished by inmates and firemen with buckets and hand pumps. Insurance not known. |
| 2nd Dec. at 8-15 A.M. | Dadar, Kumbharwada. | A chawl of 4 rooms and contents damaged by fire and water. | Memon Dadabah. | ,, | 445 | Careless use of fire. | Water used from main at once. | Extinguished by firemen with Brigade hydrant. Insurance not known. |

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. 2nd Dec. at 4-15 P.M. | Parel Road ... | 7 huts and contents destroyed and 7 bullocks burned to death. | Bairoosing Ganram & others. | Rs. 1,690 | Unknown ... | Water used from main at once. | Extinguished by firemen with 1 hydrant and 1 steamer. Insurance not known. |
| 5th Dec. at 12-20 A.M. | Masjid Bunder Road. | Ground and first floors and contents nearly burned out, and about 50 feet of weather boarding in front of building severely damaged by fire. | Kessoo Jadowji. | ,, 13,500 | Unknown ... | Water used from main 8 minutes after arrival of engines. | Extinguished by firemen with 2 Brigade steamers. Contents and building insured. |
| 6th Dec. at 10-30 A.M. | Coombarwada, Dadur. | A jowli hut destroyed. | Telakchand Manikchand. | ,, 10 | Careless smoking. | Water used from well. | Extinguished by inmates. Not insured. |
| 8th Dec. at 12-30 A.M. | Purbadevi Road Dhun Mill. | A quantity of cotton waste damaged by fire and water. | N. A. Hormarji & Co. | ,, 1,000 | Spontaneous combustion. | Water used from tank on premises. | Extinguished by mill hands and firemen with donkey engine. |

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|---|---|---|---|---|---|---|---|---|
| 8th Dec. at 4 P.M. | Parell Chall Road. | Four jowli huts damaged by fire and water. | Dharkhar Pursart. | Rs. | 16 | Not known ... | Water used from tank. | Extinguished by firemen with one Brigade manual. Not insured. |
| 15th Dec. at 8-30 P.M. | Nagdevi Street.. | Rafters of attic slightly damaged by fire and heat. | Bhugwan Chutah. | „ | 15 | Kerosine lamp | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 20th Dec. at 2-30 A.M. | Koliwada, Sewree. | A jowli hut and contents destroyed and a boat damaged by fire. | Moockhan Patel. | „ | 247 | Not known ... | Water used from sea. | Extinguished by laskars of Ordnance Department. Not insured. |
| 23rd Dec. at 11 A.M. | Lady Jamsetji Road. | Four jowli huts destroyed and contents damaged by fire and water. | Major Pascal Lobia. | „ | 550 | Not known ... | Water used from well. | Extinguished by firemen with one Brigade manual. Not insured. |
| 23rd Dec. at 6-20 P.M. | Chukla Street... | About half gallon of furniture polish destroyed. | Dewji Kanji and Co. | „ | 2 | Not known ... | Nil. | Extinguished by inmates. |
| 26th Dec. at 3 P.M. | Elphinstone Road. | A small quantity of grass destroyed. | Hoosanji Parsi... | „ | 1 | Spark from brick-kiln. | Water used from tank. | Extinguished by inmates. Not insured. |
| 26th Dec. at 3-10 P.M. | Foras Road ... | A number of haystacks destroyed. | Sewlal Motilal... | „ | 700 | Not known ... | Water used from main at once. | Extinguished by firemen with two Brigade steamers and one hydrant. Not insured. |

E 15

| Date. | Locality. | Nature of property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to and supplied at Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1891. 27th Dec. at 5-30 P.M. | Carroll Road ... | A bed and bedding damaged by fire. | J. Fernandez ... | Rs. 12 | Careless use of lamp. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 27th Dec. at 9-30 A.M. | Coliwada, Worlee | Three jowli huts and a chawl of 4 rooms and contents burned out, roof of chawl adjoining damaged by fire and contents by water. | Woodandas Jivandas. | ,, 970 | Careless use of fire. | Water used from main at once; short supply continual. | Extinguished by firemen with one Brigade steamer. Not insured. |
| 28th Dec. at 6-10 A.M. | Antop Hill, Matunga. | A magazine containing a quantity of dynamite, &c., destroyed; surrounding property damaged by concussion. | Gahagan & Co... | Unknown | Not known ... | None used ... | Not insured. |
| 28th Dec. at 9 A.M. | Towa Street, Shaik Abdul Rehman Street. | Two rooms on 4th floor and contents damaged by fire and water. | Hadji Taj Mahomed. | Rs. 200 | Not known ... | Water used from main at once. | Extinguished by firemen and inmates with hand pump and buckets. Building insured. |

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|---|---|---|---|---|---|---|---|
| 29th Dec. at 4-45 A.M. | Janjikar Street, Chukla. | Shop and contents damaged by fire and water. | Sultan Nawaz Jang Bahadur. | Rs. 200... | Not known ... | Water used from main at once. | Extinguished by firemen with Brigade hand pump and buckets. Not insured. |
| 30th Dec. at 10-30 A.M. | Charni Road ... | Blow room and contents damaged by fire, heat and water. | Khatow Makanji & Co. | „ 1,100... | Stone in machinery. | Water used from tank on premises. | Extinguished by employés with steam pump. Contents insured. |
| 31st Dec. at 6 P.M. | Chinch Bunder Road. | A number of gunny bags destroyed. | Trunilal Kooberdas. | „ 100... | Not known ... | Water used from well on premises. | Extinguished by firemen and inmates with hand pump and buckets. Not insured. |
| 1892. | | | | | | | |
| 2nd Jan. at 11-40 A.M. | Upper Duncan Road. | Two rooms and contents on the 2nd floor severely damaged by fire and water, part of roof off. | Sonabai Ardeshir. | „ 365... | Not known ... | Water used from main at once. | Extinguished by firemen with one Brigade steamer and one hydrant. Not insured. |
| 5th Jan. at 5 P.M. | Lohar Chawl ... | A small quantity of grass destroyed. | Nanabhoy Guput. | Re. 1... | Careless use of matches. | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 6th Jan. at 12 noon. | Jackeria Bunder, Sewri. | A jowli hut destroyed. | Jacoob Sait Cooji. | Rs. 3... | Careless use of fire. | Water used from well. | Do. |

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to, and supplied at, Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1892. | | | | Rs. a. p. | | | |
| 7th Jan. at 7 A.M. | Dharavi Road, Mahim. | A chawl of 6 rooms and contents damaged by fire and water. | Narayen Appaji. | 15-15-0 ... | Unknown ... | Water used from main at once. | Extinguished by firemen with one Brigade hydrant. Not insured. |
| 7th Jan. at 1-10 P.M. | Nepean Sea Road. | A quantity of hay destroyed. | Ardeshir Manekji. | Rs. 20... | Light thrown down. | Water used from tank on premises. | Extinguished by inmates. Not insured. |
| 11th Jan. at 11-45 A.M. | Kazipura ... | A small quantity of cotton seed damaged by fire. | Kulu Rahiman... | „ 6... | Not known ... | Water stored for domestic purposes. | Extinguished by inmates. Not insured. |
| 14th Jan. at 12-22 P.M. | Hornby Row ... | Some wearing apparel damaged by fire. | Khatow Ladha.. | „ 5... | Letting off fireworks. | Water stored on premises. | Extinguished by inmates. Insurance not known. |
| 15th Jan. at 9 A.M. | Chinchpokli, Kaiser-i-Hind Mill. | A small quantity of cotton damaged by fire and water. | Messrs. Vurjivandas Madhowdas and others. | „ 10... | Friction of machinery. | Water stored on premises. | Extinguished by Mill hands. Insurance not known. |
| 16th Jan. at 6-33 P.M. | Esplanade Road | Decorations in front of tent slightly damaged by fire. | Bombay Government. | Re. 1... | Oil lamp ... | Water used from well. | Extinguished by firemen with buckets. Insurance not known. |

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|---|---|---|---|---|---|---|---|
| 22nd Jan. at 2 A.M. | Suparibag Road, Parell. | A quantity of wood shavings burned and the interior of pumping engine shed damaged by fire and heat. | G. I. P. Railway Company. | Rs. 50... | Unknown ... | Water used at once from main. | Extinguished by employés with hydrant. Insurance unknown. |
| 27th Jan. at 2-5 P.M. | Malabar Hill ... | Two huts destroyed by fire. | Yassoo Bajer and others. | „ 100... | Careless use of matches. | Water stored for domestic purposes. | Extinguished by inmates and firemen with buckets. Insurance unknown. |
| 30th Jan. at 6-50 A.M. | Stone Bunder ... | A stock of coal about 500 tons damaged by fire. | Tenant of the Port Trust. | Unknown... | Spontaneous combustion. | Water used at once from main. | Extinguished by firemen with one Brigade stand pipe. Insurance unknown. |
| 30th Jan. at 1-30 P.M. | DeLisle Road ... | Roof of chawl slightly damaged by fire. | Mookta Murgundi | Rs. 30... | Unknown ... | Water stored for domestic purposes. | Extinguished by inmates. Insurance unknown. |
| 31st Jan. at 6-30 A.M. | Duncan Road ... | A small quantity of cotton seed damaged by fire and water. | Runchordass Tulsidass. | „ 5... | Friction of machinery. | Water used at once from main. | Extinguished by firemen with one Brigade hydrant. Insurance unknown. |

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated Damage. | Cause of Fire. | Time at which the water was turned on to, and supplied at, Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1892. 3rd Feb. at 8-40 A.M. | Mody Bunder ... | Centre portion of coal stock of about 400 tons damaged by fire. | Tenant of the Port Trust. | Unknown... | Spontaneous combustion. | Water used at once from main. | Extinguished by firemen with one Brigade stand pipe. |
| 10th Feb. at 3-30 P.M. | Khawat Gully, Paidhowni. | Contents in shop on ground-floor damaged by fire and water. | Noor Mahomed . | Rs. 250... | Unknown ... | Water stored for domestic purposes. | Extinguished by inmates. |
| 11th Feb. at 11-30 A.M. | Cowasji Patel Tank Road. | A cow shed and a quantity of grass damaged by fire and water. | Chuttoorbhooj Morarji. | ..... | Do. ... | Water used from well. | Extinguished by inmates. |
| 12th Feb. at 2-20 A.M. | Carnac Road, Mandvi. | A building of two floors, about 50 × 20 feet, comprising 6 shops, upper floor and contents nearly burned out, and part of roof off, ground-floor and contents damaged by fire, heat and water. | Dada Mukba ... | Rs. 2,550... | Do. ... | Water used from main at once. | Extinguished by firemen with 1 Brigade steamer and 2 hydrants. |

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|---|---|---|---|---|---|---|---|---|
| 12th Feb. at 9 A.M. | Parell Road ... | Mat partition in shop of ground-floor damaged by fire. | Sir Dinsha Maneckjee. | Re. | 1... | Careless use of fire. | Water stored for domestic purposes. | Extinguished by inmates. |
| 11th Feb. at 11 P.M. | Purbadevi Road (Standard Mill) | A small quantity of cotton damaged by fire in mixing room on 1st floor. | Sassoon J. David & Co. | „ | 1... | Careless smoking. | Water used from Mill Service. | Extinguished by mill employés with buckets. Insured. |
| 12th Feb. at 9-25 P.M. | Nagdevi Street.. | A bed and bedding damaged by fire on 2nd floor. | Haji Jakeria Kanoo. | Rs. | 5... | Unknown ... | Water used from service pipe. | Extinguished by inmates. Building insured. |
| 16th Feb. at 3 A.M. | Coombharwada, Worlee. | A jowli hut and contents destroyed. | Badraji Girgoo.. | „ | 30... | Careless use of lamp. | None used ... | Extinguished by inmates. Not insured. |
| 20th Feb. at 12-10 P.M. | Betsti Moholla.. | A quantity of rubbish burned in gully. | Ebrahim Hussein | | Nil ... | Light thrown down. | Water used from tank. | Extinguished by inmates. |
| 21st Feb. at 2-30 A.M. | 5th Camathipura Street. | A small quantity of cocoanut fibre damaged by fire on ground floor. | Nurso Yanki ... | | Nil ... | A rat abstracted wick from lamp. | Water stored on premises. | Extinguished by inmates. |
| 21st Feb. at 12-10 A.M | Walkeshwar ... | A jowli hut and contents destroyed. | Rama Raghoo... | Rs. | 20... | Careless use of lamp. | Water used from well. | Extinguished by firemen with buckets. |
| 24th Feb. at 2-15 P.M. | Coliwada, Sewri. | A tiled shed (used as a stable) and contents damaged by fire. | Mahomed Hoosain. | „ | 50... | Unknown ... | Water used from well. | Extinguished by inmates. Insurance unknown. |

E 21

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated damage. | Cause of Fire. | Time at which the water was turned on to, and supplied at, Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1892. | | | | | | | |
| 25th Feb. at 2 A.M. | DeLisle Road, Worlee. | A jowli shed (used as a stable) destroyed by fire. | Unknown ... | Rs. 100... | Unknown ... | None used ... | Burned out. Insurance unknown. |
| 26th Feb. at 12 A.M. | Sholapore Road, Frere Road. | A thatched hut and contents destroyed. | Sadoo Dhondoo.. | „ 20... | Upsetting of kerosine lamp. | Water used from main at once. | Extinguished by firemen with 1 Brigade hydrant. Not insured. |
| 29th Feb. at 5-25 A.M. | Narayan Dhuru Lane. | A bale of cloth and a window frame damaged by fire on ground floor. | Ramji Purshotum. | „ 25... | Unknown ... | Water used from service pipe. | Extinguished by inmates. Building insured, contents not insured. |
| 26th Feb. at 2 P.M. | Colaba (Scott Press). | A quantity of loose cotton damaged by fire and water on 1st floor. | Hasa Virji ... | „ 1,485... | Stone in machinery. | Water stored on premises. | Extinguished by employés, no attendance of the Brigade. Insured. |
| 3rd March at 7-30 A.M. | Chinch poogli Lane, Arthur Road. | Some bedding damaged by fire on ground floor. | Ladha Ebrahim. | „ 3... | Careless smoking. | Do. ... | Extinguished by inmates. Insurance unknown. |

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| 5th March at 2 A.M. | Ripon Road ... | Kerosine lamp destroyed on 1st floor, rest of contents on ditto damaged by fire and water. | Nur Mahomed... | Rs. 51-8-0 | Kerosine lamp exploding. | Water stored on the premises. | Extinguished by inmates. Insurance unknown. |
| 5th March at 11-15 A.M. | French Bridge, Chowpati. | A quantity of rubbish burned and a cart damaged by fire on road. | The Bombay Municipality. | „ 2... | Unknown ... | No water used... | Extinguished by firemen. Insurance unknown. |
| 5th March at 2-30 P.M. | Kala Chowkey Road (Western India Mill). | A quantity of cotton waste damaged by fire and water on ground floor. | Messrs. Thackersey Mulji & Co. | „ 400... | Stone in machinery. | Water used from tank on premises. | Extinguished by employés with steam pump. Insured. |
| 6th March at 10-5 A.M. | Huzara Molla ... | A hut and contents destroyed by fire. | Gulal ... | | Careless use of fire. | Water stored on the premises. | Extinguished by inmates. Insurance unknown. |
| | | A stack of timber (adjoining) slightly damaged by fire. | Syed Ebrahim... | „ 155... | Do. | Do. | Do. |
| 6th March at 12-1 P.M. | Dadar ... | Roof of a jowli hut damaged by fire. | The Government of Bombay (Abkari Department.). | Re. 1... | Do. | Do. | Extinguished by inmates. Insurance unknown. |
| 9th March at 8-45 A.M. | Tardeo ... | Some wearing apparel burned and roof of chawl damaged by fire and breakage. | Liladas Haridas. | Rs. 30... | Wearing apparel coming in contact with fire. | Water used from well in premises. | Do. do. |

| Date. | Locality. | Nature of Property destroyed. | Name of Owner. | Estimated. Damage. | Cause of Fire. | Time at which the water was turned on to, and supplied at, Fire. | REMARKS. |
|---|---|---|---|---|---|---|---|
| 1892. 9th March at 3-1 P.M. | Ripon Road ... | A jowli hut and contents burned. | Alibhai Martabhai Borah. | Rs. 5... | Careless smoking. | Water stored on the premises. | Extinguished by inmates. Insurance unknown. |
| 15th March at 8-15 P.M. | Chakla Street ... | A building of 4 floors about 40×30 feet, first floor and contents severely damaged by fire, ground floor and contents by fire and water, and upper floors by heat and smoke. Ismail Monsee and Gangjee Virjee suffocated. | Soonea Beemah.. | „ 20,000.. | Unknown ... | Water used at once from main. Short supply for 5 minutes, afterwards plentiful | Extinguished by firemen with one hydrant and 4 steamers. Contents and building insured. |
| 15th March at 10 P.M. | Pirkhan Lane, Bellasis Road. | A quantity of wearing apparel damaged by fire in wooden hut. | Bhaskar Bhau... | „ 250... | Careless use of fire. | Water stored on the premises. | Extinguished by inmates. Not insured. |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15th March at 9-25 A.M. | Nakhoda Street. | A quantity of charcoal damaged by fire on ground floor. | Jan Mahomed... | Rs. | 15... | Light thrown down. | Water used at once from main. | Extinguished by firemen with one hydrant. Insurance unknown. |
| 15th March at 4-45 P.M. | Kamathipura, 10th Street. | Some matting damaged by fire on ground floor. | Rajaram ... | Re. | 1... | Do. ... | Do. ... | Extinguished by inmates. Insurance unknown. |
| 15th March at 8-30 P.M. | Clerke Bunder, Mazagon. | A coal stack of about 1,200 tons damaged by fire and water. | Dadabhoy musjee. | Hor- | Unknown .. | Spontaneous combustion. | Water used at once from sea. | Extinguished by firemen with one steamer. Insurance unknown. |

# Appendix F.

# Assessment and Collection.

## DEFALCATIONS OF JAMSETJI MUNCHERJI HAKIM.

### Proposals of the Committee of the Corporation as to the future working of the Assessment and Collection Department.

"That with reference to the report of the Commissioner, dated 24th September 1890, regarding
No. 8015. the defalcation of Ward clerk Jamsetji Muncherji Hakim, the following Committee be appointed to investigate the questions referred to therein:—
Mr. Thomas Blaney, *Chairman*; Mr. A.M. Gubbay; Mr. G. Cotton; The Hon'ble Mr. Fazulbhoy Visram; Dr. Rastamji N. Khory; The Hon'ble Mr. Javerilal U. Yajnik; Mr. Hurkisondas Narotumdas, Mr. Dinshaw Edulji Wacha; Mr. Bhalchundra K. Bhatawadekar; and Mr. A. G. Viegas.
"That pending the presentation of such report, sanction be given to the employment of the extra establishment applied for by the Commissioner and recommended by the Standing Committee at a cost of Rs. 600 per mensem."

THE Committee appointed by the Resolution of the Corporation No. 8015, dated 10th November last, as per margin to investigate the questions referred to in the report of the Municipal Commissioner, dated 24th September 1890, regarding the defalcations of Ward clerk Jamsetji Muncherji Hakim, beg to report as follows:—

The Committee have held eleven Meetings, minutes of the evidence given thereat being appended hereto.—(See Appendix **B.**)

The following Municipal Officers have been examined:—

Mr. William Pearson, Acting Assessor and Collector and for some time previously Superintendent of A Ward.

Rao Bahadur Virprasad Tapiprasad, Revenue and Refund Audit Officer.

Mr. R. P. Brunton, Assessor and Collector.

Mr. Pherozesha Rustomji, First Assistant Assessor.

Mr. Sorabji Bomanji Master, Acting Third Assistant Assessor and Superintendent E Ward.

Mr. Almeida, Superintendent F Ward.

Mr. Sorabji Dhunjibhoy, First Assistant Superintendent, C Ward.

The Committee have directed their attention chiefly to the following major heads :—

I. The prevention of frauds by—
   (*a*) The transfer system.
   (*b*) Acceptance of receipts for bills left for scrutiny.

II. Proposed improvements on the present system by—
   (*a*) Separation of inspection from collection work.
   (*b*) Revision of the *Manual* consistent with work which is practicable and possible.

The Committee beg to submit a synopsis of the evidence taken under the above heads of inquiry appended hereto Appendix **A.**

The Committee desire to sum up their conclusions and recommendations under the two major heads thus :—

I. PREVENTION OF FRAUDS :—

(1) That the transfer system should be abolished.

(2) That instead of bills being left with rate-payers for scrutiny, a memo. be substituted, signed by either the Ward Superintendent or the Assessor, showing the essential details necessary for examination, as per form appended. (See page 35 of the evidence.)

(3) That Superintendents and Assistant Superintendents be held responsible for the issue of bills to Ward clerks and for the recovery of the amounts due on the bills.

That Ward clerks of each Ward be only entrusted with such number of bills as their respective Superintendents may consider reasonable for one day's collection at a time, and that the uncollected bills be taken over from each Ward clerk daily by the Superintendent or his Assistant. That no bill be allowed to remain unpaid for a longer period than six months without action being taken under the Act, except in special cases when the postponement is to be brought to the notice of the Municipal Commissioner.

(4) That Ward clerks should, under no circumstances, be allowed to have anything to do with the books of account of the Ward to which they belong.

II. IMPROVEMENTS IN THE PRESENT SYSTEM—

(1) Collection and inspection.

(*a*) That the collection of rates and the inspection of properties be separated.

The chief officers of the department, Mr. R. P. Brunton, Rao Bahadur Virprasad Tapiprasad, and Mr. Pherozesha Rustomji object to the introduction of this system, on the ground that the utility of such separation is doubtful and that efficiency is more likely to be impaired than improved. On the other hand, the evidence given in favour of the proposed system by Mr. W. Pearson, Mr. Sorabji Bomanji Master, Mr. Almeida and Mr. Sorabji Dhunjibhoy, is, in the opinion of the Committee, conclusive in its favour. The latter recommend the separation of the systems, on the strength of their practical acquaintance with the work in their respective Wards for the past ten years. In the opinion of the Committee, they are in a considerably better position to recommend the change, as they appear to be conversant with the defects and the difficulties of the existing system by their experience of the details of the work. They have, moreover, satisfied the Committee that by separating assessment from collection work, the Municipal revenue will not suffer to so great an extent as it does now. On the contrary, they are of opinion that the collection work will be done more expeditiously and efficiently while the undivided attention which ward clerks told off for duty may bring to bear upon their work will tend to an improvement of the revenue. There will be a larger and closer percentage of inspection of properties. It is contended that inspection work is susceptible of great improvement which could be effected by the suggested proposal only. It is also urged that by employing Ward clerks to alternately do inspection and collection work, the entire staff of these clerks will be posted in both branches. In the case of absence or sickness the advantage of such an arrangement will be obvious. The only additional expense which their recommendation will entail will be the employment of one or two additional clerks in each Ward.

(*b*) That the recommendations, if adopted as above, would also tend to minimise the prevention of frauds.

(2) That there is ample evidence recorded to warrant the Committee in concluding that some of the forms prescribed in the *Manual* are superfluous, while others entail needless labour and time, which could be saved by modifying them. It is clear from the answers given by almost all the witnesses that the directions contained in the *Manual* cannot be rigidly carried out, even if the

present establishment were doubled. However admirable it may be in the abstract, in its practical working, the *Manual* taxes the undue energy of those who have to follow it in all its ramifications, and is a constant drag to the expeditious and efficient working of collection and inspection. The superfluous forms may well be dispensed with, while for a modification of the remaining forms and the directions contained in the *Manual*, it may be as well for the Corporation to allow such modification to be made by the Commissioner.

(3) The Committee recommend that the Revenue and Refund Officer should, as far as practicable, be made a travelling Auditor; by this arrangement he would be able to certify to the correctness of all accounts. An audit made in this manner will be a personal audit—a very different thing to the audit that is now made by the Revenue and Refund Officer, for that audit is made personally by irresponsible clerks, the revenue officer merely putting his signature to the audit; he is therefore not an auditor in the sense that he has himself made the audit.

23*rd April* 1891.

THOMAS BLANEY.
BHALCHANDRA KRISHNA.
JAVERILAL U. YAJNIK.
G. COTTON (*see dissent*).
FAZULBHOY VISRAM (*see dissent*).
HURKISONDAS NURROTUMDAS (*see dissent*).
ACCACIO G. VIEGAS.
DINSHA EDULJEE WACHA.
R. N. KHORY.

**Dissent.**

I am unable to assent to that part of the report which recommends separation of the duties of Inspection and Collection. From the commencement of the enquiry I was opposed to this change. My opinion was for the time shaken by the evidence of Mr. Sorabji Master, but I have reverted to my former conclusion and am firmly persuaded that the change would be a mistake.

I must also record my objection to the evidence in favour of the change being spoken of as "conclusive," when I recollect that it is supported by four Ward Superintendents (Mr. Pearson's experience has been for the greater part of it that of a Ward Superintendent) and opposed by Mr. Pherozeshah, the 1st Assistant Assessor, an officer of 26 years' experience, Mr. Virprasad, the Revenue and Refund Audit Officer, Mr. Brunton, the Assessor, and better still, the present Commissioner, and (as Mr. Acworth told the Committee) the late Commissioner also. The weight of evidence seems to me unquestionably against the change.

A Ward Superintendent is comparatively, with these officers, before and under whom the system and the transactions of the Department pass as a whole, altogether unable to form an opinion on a question affecting general administration. But putting authority on one side, the reasons against the change seem to me on a general survey of them much stronger than those for it.

1. The separate system was tried and has failed.

2. Though local knowledge is next to industry and intelligence, the very first requisite for the successful working of the department—a department which has to value and assess every building and piece of land in the Island, to collect the bills and prepare the Election roll. The Ward clerk's knowledge must be so intimate that every change, however small, in the conditions of a building, in the tenure of land, in the number of horses in a stable and so on, shall instantly attract notice. The sections, as at present divided, are large enough to tax his memory double them and you defeat the object. His memory, will not retain what it should retain. Moreover, the change will waste time and impair efficiency—time which ought to be spent in work will be spent in travelling. The inspecting

clerk being irresponsible for collections will be careless in his valuation. The collecting clerk being irresponsible for valuation will readily admit objections and plead as an excuse for large arrears, that assessments are too heavy. The task of ascertaining the truth and fixing responsibility will become too heavy to be discharged, supervision will become lax, arrears will accumulate and property taxes, instead of showing, as they have done year by year ever since Mr. Ollivant re-organized the department, a steady increase will show—as they did under the old system—diminishing returns. I may add that the ratepayer will be worried by the intrusion of two officers instead of one; and I may also remark that a much larger establishment would be required were the system changed. Not one of the witnesses attributed the late defalcations to the present combined system, and this being so, it seems to me it would be unwise and dangerous to ask the Commissioner to introduce a change so important and radical, in the teeth of recorded facts, in pursuit of a mere theory, in opposition to the opinion of every officer whose position has enabled him to grasp the administrative machinery and results of the department as a whole, merely in deference to the views of two or three Ward Superintendents whose ideas are bounded by the horizon of their wards.

G. COTTON.

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I see no reason to differ from Mr. Cotton. The more I think of the matter, the more I am satisfied that the proposed change is undesirable in the teeth of the strong evidence against it. The defalcations are in no way attributable to the combined system; we have found out the causes thereof pretty correctly and suggested suitable remedies as the Committee's report will show, and I agree with it thoroughly with the exception of this one point, so fully and carefully minuted upon by Mr. Cotton.

FAZULBHOY VISRAM.

26*th April* 1891.

I am also of opinion that the change in the present system by separating the duties of Inspection and Collection would not be advisable after what has been said and heard from our present Commissioner as well as from some of the heads of Department who are surely expected to possess more experience in the matter under question rather than the subordinate officers. Even I find that our late Commissioner held the same view, and under the circumstance I see no reason to differ from Mr. Cotton who has so ably and carefully minuted upon this one particular point. The other portion of the report is quite agreeable to me.

HURKISONDAS NURROTUMDAS.

*28th April* 1891.

## APPENDIX A.

## SYNOPSIS OF EVIDENCE.

### The working of the "Manual"; and the Audit System; Methods for improving System.

*Mr. Brunton.*

The defalcations were not due to any imperfections in the system, except the requirement of too much work from each employé. Is not aware of any wilful laxity on the part of any officer. (Page 71.)

His general experience is that the system, as laid down in the *Manual*, is a good one, but involving very laborious work on all concerned. Thinks it should be modified in some of its details.

Employés should all be men of good physique, of average intelligence and of fair education. The forms in the *Manual* are all useful. Does not think that any of them could be dispensed with, except Form 6, but would omit certain portions of the *Manual*. (Pages 33 and 34.)

The inspection and collection work should not be divided; if it was, the Inspectors would not acquire that closely intimate knowledge of properties and rate-payers which they now possess and which is so essential. (See page 65.)

*Details of Manual, para.* 3, *page* 1.—The Parel (F) and Mahim (G) Wards have now been divided, having each a Superintendent. An Assistant for each is required. The numbers of bills are large—F 8,286, G 13,633, in 1890. Besides, for two months, whilst complaints are being heard, the Ward Superintendents have to attend at Head Office once or twice a week, and some one must be put in charge to issue bills, &c.

*Paras.* 7 *to* 11, *pages* 2-3.—Believes the Land Register is not kept as prescribed, for want of sufficient staff.

*Para.* 13, *page* 3.—When the Assessor is engaged in hearing complaints usually from the middle of January to the middle of March, he performs no out-door duty; he has to be in Head Office by 10 or 10-30 a. m. to keep up the current work; also, when he hears complaints during the year, he performs no out-door work. The Assistant

Assessors, too, can perform but little out-door duty during these months. There are now seven Superintendents' charges or Wards; F and G having been separated.

*Para.* 34, *page* 11.—The field books should be kept in the Wards until the end of the official year.

*Last part of para.* 35, *page* 11.—For want of time, the annual audit has never been made.

*Para.* 36.—The Assessor has never had time to make assessment questions a special study (referring to English text-books on the subject), and to frame rules for the classification of properties, &c. He has quite enough to do to attend to the other duties required of him. If he has to make a special study of the law of assessment, he must be relieved of many other duties, notably of inspection work.

*Last part of para.* 37, *page* 12.—"The Ward Superintendent will be held strictly responsible," &c.—Impracticable up to the appointment of the Assistant Superintendents in November last, and still impracticable in C, F, and G until Assistant Superintendents are appointed for these Wards. Has asked for them. No provision in *Manual* for carrying out the order. No diary or day-book provided in *Manual* for issues of bills. Superintendents have no time. The work of collection most paramount and pressing.

*Manual, Form I, page* 23, *para.* 13.—It is impossible for the Assistant Assessors and Assessor to see that the details (that is each entry in this form) are correct. They check the final totals as prescribed in para. 11, and that is all they can do.

*Para.* 14.—The annual abstract has never been called for, nor prepared. This might be omitted.

*Form II.*—The carrying out of the system as laid down in this form prevents the Assessor and the Assistant Assessors from performing their out-door duties for at least two months in the year. The complaints are heard from about 15th January to about 15th March, and to keep up his current work in the Head Office, the Assessor has to attend from 10 a. m. or 10-30 a. m. daily. The hearing of complaints commences at about 12-30 p. m. and lasts uninterruptedly until 6 or 7 p. m. Usually 25 complaints are heard daily, but their hearing is somewhat hastily got through; because to complete the whole, so that the Assessment Book be ready by the 1st April (*see* para. 5)

sufficient time cannot be given to each complaint. The numbers heard since 1888 are as under :—

| | 1888. | 1889. | 1890. |
|---|---|---|---|
| By Assessor..... | 1,284 | 914 | 854 |
| By Special Assistant to Commissioner. | 1,074 | 901 | 875 |
| Total..... | 2,358 | 1,815 | 1,729 |

In addition to these complaints, there is the hearing of those made against increased assessments (Section 167) during the year. There have been 351 since 1st April last.

*Para.* 6.—The complaint book is not daily brought to the Commissioner for scrutiny. The Assessor took it a few times himself; but, as a rule, the Commissioner had not the time to scrutinize the book.

*Form* 3, *para.* 7.—The Assessor and Assistant Assessors cannot satisfy themselves as to the correctness of the *details* in the columns of this form. There are innumerable entries in the Form ; the Accountant and Deputy Accountant should check a percentage.

*Form* 4, *para.* 2.—Discrepancies between tax-payers' schedules and Form 15 should be inquired into by the Superintendent of the Ward concerned ; neither the Assessor nor the Assistant Assessors can find time to do the work or to take legal proceedings. The Assessor has kept away from all the law courts as much as possible, and would only take proceedings in flagrant cases of evasion of tax. Rest of requirements are carried out.

*Form* 4, *para.* 3.—Instead of totalling and certifying every quarter, it should be done yearly, as at present.

*Form* 5.—There has been a slight deviation from the requirements: $\frac{1}{5}$th drawback is allowed under Section 158. When applications are received, they are registered in a rough memo. book and forwarded to the Superintendent for report on Form B-4 attached. When the reports are returned to Office, columns 1 to 6 of Form 5 are filled in ; the Assessor fills in column 11 of Form B-4, and sends it to Commissioner for orders. When orders received, the other columns of the form are filled up.

*Form* 6, *page* 55.—If any form can be dispensed with, it is this. Its preparation entails much labour, and it is a costly book—Rs. 1,440-7-3 for 74 books. In practice, the bills are made out from Forms 1, 3 and 4. The rate-

payer's Ledger, Form 7, can be similarly prepared; a few columns would have to be added to forms 1, 3, 4 and 5.

*Form* 6, *page* 55.—This return has been discontinued for want of time to prepare it, for about twelve months past. It has never been asked for from Commissioner's Office, so presumes it is not of much value.

*Page* 56.—The property rate bills are issued punctually on 1st April and 1st October, compounded water-tax bills also. The meter readings are not received from the Engineer on 7th of each month. They are received for B and C Wards about the 10th, for A and E on 15th, F and G on the 10th, as per Commissioner's No. $\frac{1817}{1887\text{-}88}$; the bills are issued as soon as possible after these dates. *Wheel-tax bills* are issued on the 20th, not 10th of the month following the quarter they refer to. Not time to prepare them by 10th. *Special Halalkore bills*—The Health Officer sends in his return about the 20th of each month, and bills are issued within a week.

*Para.* 5.—The Assessor has not the time to do this work. The number of alterations are very numerous. For the year ending 31st March last, there were the following :—

| *In Form* 1, *concluding columns* | *In Form* 3. | *In Form* 6. |
|---|---|---|
| 2,564 | 18,129 | 19,882 |
| | Total | 40,575 |

*Para.* 7.—The Assistant Assessors and Assessor cannot ascertain that every *detail* entry and total in this are correct.

*Form* 7, *Page* 62.—The columns need not be totalled, the check on the totallings of Forms 1, 3, 4, 6, and 8 is sufficient. The Ledger might be made up from Forms 1, 3, and 4.

*Details of Manual, Form* 8, *para.* 3.—This requires that the Assessor and Assistant Assessors should scrutinize columns 15, &c., of this book. The work is unnecessary. The scrutiny is sufficiently done in columns 9 to 19 of Form 16 in the Ward Offices.

*Para.* 4.—Same remarks as in para. 3.

*Form* 8, *para.* 5, *p.* 75.—The Assessor should have the power of remitting these fees. The amounts are small, and to cancel a fee of four annas only, a reference has to be

made from the Assessor to the Commissioner, through the Revenue and Refund Audit Officer.

To this form a column, 31*a* "Date of Retransfer," should be added.

*Para.* 6, *last part.*—The Accountant or Deputy cannot satisfy himself that all the items of the Remittance Reports are posted under their proper heads. The Collection Clerk does this, and initials the report, the totals of which are checked by the Chief Registration Clerk and initialed by him. But the Accountant can see that the totals of the Remittance Reports tally with the totals carried to the Ledger, and he should see that a percentage of the items are correct.

*Page* 78, *III.*—The *Collections* are not kept by Wards in Chief Accountant's Office, so they cannot be tallied as required here.

*Form* 9, *Form* 9*A*, and *Form* 9*B*.—No remarks.

*Form* 10.—*Immediately verifying vacancies* (*p.* 98, *para.* 4). *Watching vacancies during six months* (*p.* 98, *para.* 4).—There were 2,488 vacancy notices in 1889-90 : A, 375 ; B, 274 ; C, 415, ; D, 440 ; E, 628 ; F, 197 ; and G, 159. The Superintendents cannot immediately verify ; but they can inspect each case once or twice every six months, and this is what is done at present, and which is all that is necessary.

*Assistant Assessors to inspect vacancies.*—There is no time for the Assistant Assessors to inspect all the vacancies. Thinks 20 per cent. of inspection would be fair.

*The Assistant Assessor to enter amount of Refund to which applicants are entitled, p.* 99, *para.* 5 ; *also to enter amounts of refund in columns* 27, 28 *and* 29 (*p.* 99, *para.* 6).—This is account work, and is done by the Account Clerks under the Head Accountant. The Assistant Assessors to fill up columns 18 and 25 only.*

*Form* 12.—*Ward Clerk to make a thorough inspection of every property yearly* (*p.* 120, *para.* 3).—Difficult in F and G, where there are so many (10,385) "lands" besides 6,000 buildings. To identify all these yearly, the Ward Nos. should be entered on the Revenue Survey sheets. It has been partly done, but two extra surveyors are required for the work. The inspection work in the other Wards is fairly well done by the Ward Clerks.

* NOTE.—After column 29, another column should be added for other Charges (Notice fees, Police fees, Meter hire)

*Superintendents to verify and test Ward Clerks' inspection p.* 121, *para.* 4.—The Superintendents have not the time to verify and test every inspection by the Ward Clerks. There are the following properties in each Ward—A, 4,411 ; B, 6,271 ; C, 8,480 ; D, 4,480 ; E, 9,133 ; F, 9,230 ; and G, 8,420—total, 50,425. The yearly inspection commences on 1st April, and in order that the Assessment Book may be prepared by the 20th December, as laid down in the *Manual* in para. 7, page 21, it must be completed by the 31st October, that is, in 7 months or 210 days ; from these, deduct 30 Sundays and 20 for holidays and contingencies, this leaves 160 days, which, divided among the properties, gives an average of 315 a day for inspection by the 7 Superintendents, or an average of 45 each per day. No man can do this amount of work. In F and G more inspection work can be done than in the other Wards, as lands are more quickly inspected than buildings. I think an average of about five properties a day is all that a man can do. This is only testing work. The Superintendent has also to inspect for vacancies, $\frac{1}{3}$th drawback, stables, complaints against valuations and disputed cases.

*Ward Clerks, besides visiting every property once a year, are to visit every property at least once a quarter, para.* 5, *p.* 121.—This cannot be done. There is no necessity for a Ward Clerk to visit a property so frequently. *The tenants and owners resent such frequent inspections.*

*The Assistant Assessors to test the inspection at the rate of* 25 *per cent. of the properties, para.* 6.—This has never been done, and cannot be done. If 25 per cent. of 50,425 properties were inspected in 16 days, each of the three Assistant Assessors would have to inspect 26 a day. If they inspect 5 per cent. of the properties during the 160 working days, it is as much as they can do. In addition to this they have to inspect for vacancies, disputed cases, complaints, &c.

*It must be clearly understood, &c., last part of para.* 6.—Thinks these words might be omitted. The Assistant Assessors cannot do the inspection work required of them, and cannot therefore bear the responsibilities here laid on them.

*The Assessor's inspection to be, say, from* 5 *to* 10 *per cent. of the properties in each Ward* (*para.* 7, *p.* 122).—The largest number of properties the Assessor has ever been able to inspect in one day has been 7. Has known it to take over an hour (1 h. 25 m., thinks the time was) for the inspection of Mr. N. Kyraz "Barrack" in Dongri Kuli Street.

No per cent. average can be fixed for the Assessor, who should inspect at his discretion.

See also last part of remarks on last part of para. 35, page 11.

*Quarterly Return of Inspection Test, para.* 7, *page* 122.—These have never been called for, nor submitted; they are therefore unnecessary. The inspection work is shown in the tabulated Ward Reports.

*Yearly Return of Inspection Test, para.* 8, *page* 120.—Same remarks as in quarterly return.

*The Assistant Assessor to record result of testing in column* 15, *the result of the Assessors' tests to be communicated to the Ward Superintendent, para.* 9, *page* 122.—In cases where the Superintendent or Ward Clerks have failed to notice any under-assessed property, and it comes to knowledge of the Assistant Assessor, he should at his next visit to the Ward Office enter in column 15 the result of his inspections.

*Form* 13—*Assistant Assessor to verify all proposed enhancement or reductions, para.* 2, *page* 128.—They cannot do this in *all* cases. Thinks this should be left to the discretion of the Assessor and Assistant Assessors.

*Form* 14—*Ward Superintendents to visit every stable once a month* (*para.* 2, *page* 132).—There are the following stables in each Ward:—A, 326; B, 207; C, 314; D, 644; E, 339; F and G, 291; total 2,121; and if they are inspected once a quarter by the Superintendent as at present, it is sufficient. The Superintendents have no time to inspect them monthly, and people will not have their premises visited by Municipal officers so frequently.

*Form* 15—*The Assistant Assessor at periodical examination of accounts to see that this Return is correctly compiled.*—As the periodical examination of accounts has never been made by the Assistant Assessors for want of time, and as it is not now necessary owing to the creation of the Revenue and Refund Audit Department, thinks this might be omitted.

*Form* 16—*This registering (of bills) must be done in the presence of the Superintendent in whose personal custody the bills must remain until they are all registered* (*para.* 2, *page* 152).—Thinks that if this is done under the supervision of the Superintendent or Assistant Superintendent, it is all that is necessary. Bills cannot be registered by the Ward Clerks, and remain at the same time in the personal custody of the Superintendent.

*Para.* 3.—This para., if carried out literally, would mean the probable issue of only 15 or 20 bills to each Ward clerk

daily, the result of which would be small collections and large arrears. The number of bills to be issued must be left to the discretion of each Superintendent, who knows the requirements of each Ward clerk, who again is acquainted with the rate-payers from whom he is likely to recover quickly. The daily register of issues kept by the Assistant Superintendent will be a safeguard against fraud, unless the Assistant Superintendent acts in collusion with the Ward clerk. Since the keeping of the register (September) and the issue of comparatively few bills to the Ward clerks, the collections have lessened thus :—

| | Bills | Rs. |
|---|---|---|
| In Sep., Oct. and Nov. 1889... | 17,700 | for 7,58,844 were collected. |
| Do. 1890... | 14,601 | for 6,62,033 ,, |
| Less ... | 3,099 | 96,811 |

But hopes that the collections will gradually improve. There should, as said elsewhere, be an Assistant Superintendent for each Ward. We have one each for A, B, D, and E. C, F and G should each have one.

*Notice of demand after first presentation—para.* 4, *page* 152).—Whether a bill should be presented more than once or not, should be left to the discretion of the Assessor or, under his orders, the Assistant Assessors and Superintendents. To enforce this in every case would create great hardship, and the Assessor never carried it out rigidly. Thinks this part of the *Manual* might be omitted.

*Warrants.—Para.* 5, *pages* 153-4.—Same remarks as in para. 4.

*Para.* 6, *page* 154, should be omitted. (*See* remarks on paras. 4 and 5.)

*Para.* 7, *page* 154.—The question is, should the Ward clerks be allowed to post the credit columns of their collection books ? (*See* reply to Mr. Wacha's question 4, para. 6.)

*Para.* 8, *page* 155.—It is not necessary for the Assistant Assessor to try and recover bills. All he need do is to see that due effort has been made to collect the bills.

*Last part of para.* 12, *page* 156.—Thinks this should be omitted. The constant supervision of the Ward Office Records by the Superintendent, Assistant Assessors and Assessor, together with the quarterly audit by the Revenue and Refund Audit Officer, ought to suffice.

A column, 30, " Amount of bills transferred from other Wards," should be added. The remark column would then be 31.

B. 4.

*Ward*_____

*STATEMENT showing proposals in respect of* $\frac{1}{5}$*th Drawback under Sec.* 158 (2) *of the Municipal Act for the half-year commencing on*

| Serial No. of Entry. | Date of receipt of application for 4th Drawback. | Description of Property in respect of which claimed. | | | | | Whether Property is let out in single rooms for purposes of Sec. 76 (2) of the Old Act. | Whether Property remaining frequently or generally, wholly or partially vacant. | | The Assessor's proposals. | Commissioner's orders. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ward No. | Sub No. | Street. | | No. of Holidays comprised. | | Answer Yes or No. | If yes, how many holdings remain generally or frequently vacant. | | |
| | | | | No. | Name. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | | | | | | |

Regarding the audit system, *Mr. Brunton* says: "I think the present audit system is sufficient. I mean the yearly and quarterly audits. If the date from which the bill was outstanding was inserted in the summary presented to the yearly audit, it would check slackness in recovery." Neither the Assessor nor the Assistant Assessors have the time for auditing in detail the departmental accounts; therefore the appointment of Revenue and Refund Audit Officer was necessary.

*Mr. Sorabjee Bomonjee Master* says much of the work required to be done under the *Manual* cannot be done by the Ward clerks, for instance, one Ward clerk had 1,400 properties to inspect and 2,300 bills to collect during the year, which it was impossible for him to do.

Strongly advocates the separation of the assessment from the collection, which system, he says, would not entail the employment of more than one or two more clerks in each Ward, and under which system the work would be done better. Although the *Manual* requires it, it is impossible for the Ward clerk to collect the bill of the property which he inspects at the time of inspection, for the owner may be living in another Ward.

If in a Ward there are ten clerks employed, five should be entrusted with the duty of inspecting, and five with the collection work; moreover, by this system, two men, instead of one man, would have a knowledge of the same property. These clerks should take their turn at inspection and collection, turn and turn about, year by year. The reason why this system failed in former years was that the valuations were revised every three or four years only, and that by temporary hands only.

*Mr. Almeida*, Superintendent F Ward, and *Mr. Sorabji Dhunjibhoy*, Assistant Superintendent C Ward, concur with Mr. S. B. Master.

**Transfer System and Receipts for Bills.**

*Mr. Brunton.*

Upon the question "Do you think that one month is a long time to keep the bills for scrutiny?" Mr. Brunton says "In mill cases, where there is a dispute about the water consumed, it takes a long time to settle the disputes. After the expiry of a certain period the bills should be demanded back or notice of demand served. A letter is sent to the

mill-owner or to the rate-payer requesting payment, and if that letter is not answered further steps are taken. Three months is sufficient time for bills to remain unpaid. In cases of disputes as to water consumed, reference has to be made to the Water Works Department, and the Inspectors of that department have to go and see the manager and then a deal of correspondence takes place (pages 55 and 56). The Ward clerk does not give an account every day as directed in the *Manual*. It is impracticable for Superintendents to issue a certain number of bills daily to the Ward clerks and to take daily account of those bills. The Superintendents simply never had the time to do so, but by repeated orders the Superintendents' attention was called to this part of the *Manual* and they were warned of the consequence of entrusting large numbers of bills to Ward clerks. If each Ward clerk were given 15 to 20 bills a day, and a daily account of these bills taken, the work could not be got through." (Page 57.)

Mr. Brunton has ordered the Superintendents not to give large number of bills to Ward clerks, but except in flagrant cases of disregard of these orders, he has had to excuse the Superintendents, as he knew that that part of the *Manual* was impracticable. (Page 58.) In the budget for 1885-86, he pointed out that the Assistant Assessors were not able to perform the duties as required by the *Manual*, though they worked early and late. He asked for a 3rd Assistant Assessor as far back as the budget for 1884-85. (Page 58.)

It is, however, a fact, that it was the action of the newly appointed Third Assistant Assessor which primarily led to the discovery of Jamsetji Muncherji's defalcations. The receipts for bills left for examination with large tax-payers are kept with the bills and accounted for as bills when the balances are examined and audited. For the prevention of forgery, Mr. Brunton says :—"Abolish the custom of leaving bills with tax-payers and substitute a numbered memo. to be signed by the Ward Superintendent, and countersigned by the Assessor, stating so many bills due, detail bill numbers, amounts, period and for what tax. I think this is all the information a large tax-payer will require for verification." (Page 59.)

The Ward Superintendent signs the paper transferring the bill. Transfers are made in the Ward Office ; they do

not come to the Head Office, except when the receipt is sent to the Head Office by the officer receiving the bill; can make no suggestion in place of the transfer of bills from one Ward to another, as he (Mr. Brunton) considers that the present system of transfer should continue. (Page 61.)

Mr. Brunton adds—

The disadvantages urged against the system are—

(*a*) the amount of clerical work it entails;

(*b*) the possibility of a Ward Clerk falsifying the transfer columns (28 and 29) of his collection book.

But I consider that the advantages far outweigh the disadvantages, and that the system should be maintained for these reasons :—

As regards (*a*) I think that the staff both in the Ward and Head Offices is sufficient for the work.

And as regards (*b*) that the Superintendents and Assistant Superintendents should now be able to check the entries of transfers and especially of those for large amounts.

But the great advantage of the system is this—

It is most desirable that Ward Clerks should leave their sections as little as possible, so that they may possess a most intimate knowledge of every property and tax-payer in those sections.

Every change in the size, description, ownership and valuation of properties, every alteration in the occupancy of a stable should be known to the Ward clerk, who should be constantly in the section when not at the Ward Office, or off duty. If he be required to go from one end of the city to the other, he would, I think, have a fair excuse for neglecting some parts of his duty. Nearly half the Ward clerks draw salaries of less than Rs. 40 per mensem, and cannot afford conveyance expenses. To travel any great distance they would have to go on foot; this would cause loss of time and physical energy, and as I have said, the clerk would have fair excuse for omission of duty. I would urge the retention of the transfer system.

In some cases the receipts for bills are not taken back by rate-payers when bills are paid. My opinion is that the inspection and collection work should not be divided, because I do not think the result will be satisfactory. The area of the section would have to be increased, and inspectors would not acquire that closely intimate knowledge of the

properties and rate-payers in them which they now possess, and which I consider as absolutely essential for efficiency. One man who has to inspect and collect bills from, say, 500 properties is likelier to do the work more efficiently than if one had to do the inspection work of, say, 1,000 properties, and if another man had to collect the bills of the same properties.

Besides owners and occupiers would be more annoyed than at present, if one man called on them about inspection duty and another about collection work. Intimate local knowledge of individual rate-payers is most necessary for the preparation of Municipal election roll. I believe the separate system was tried before the present assessment and collection organization, but I understand it was an utter failure.

Jamsetjee's use of forged receipts for bills for large amounts left for verification was one of the chief causes of the non-discovery of his defalcations. A daily account of bills issued to Ward clerks was not taken for want of time and excess of work. This account, however, is now taken in all Wards, and there is a quarterly audit made by a special department.

*Rao Bahadur Virprasad Tapiprasad.*

(*Page* 17.) If the Ward clerk were to collect bills in another ward instead of bills being transferred to the proper Ward, it would take him away from his own circle, and practically it would mean, that he would have to go over the whole of Bombay ; this would materially affect his responsibility and that of his Ward Superintendent, and the Ward clerk would be less under the control of the Superintendent. There would be a waste of time and energy ; moreover the clerk's salary would have to be increased by a travelling allowance. It would be possible to establish a central office for the collection and transfer of bills. It is only a question of expenditure. If there was a supernumerary Ward officer for this purpose, it would stop defalcations. (For Mr. Virprasad's detailed observations, *see* pages 18 and 19 of Appendix **A**.)

(*Page* 20.) If transfers are not made, it would come to this : a Ward clerk in the Mahim Ward, who has bills belonging to owners, such as Sir Dinshaw Maneckji Petit residing in the Fort, Bhuleshwar, &c., will have to walk over the whole distance, and if the owner does not happen,

to be at home, he will have to call again. (For Mr. Virprasad's further objections, *see* pages 24 and 25.)

There is a quarterly audit provided for in the *Manual*, but Mr. Virprasad does not think that the audit has been done as required by the *Manual*. (For Mr. Virprasad's explanations of the audit made by himself, *see* page 32.)

*Mr. W. Pearson on the same point—*

Thinks that the transfer system should be done away with. (For details, *see* pages 1 and 2, Appendix **A.**)

(*Page* 5.) Believes that the receipt system has facilitated the frauds, and that it should be done away with, if we could get a better system. The Municipality cannot insist on large bill-holders paying by cheque instead of cash.

(*Page* 10.) Recommends the discontinuance of the transfer system, and that no bills should be left on receipt without the Superintendent's permission, and signature on signed receipts should be verified by the Superintendent or the Assistant Assessor.

*Mr. Pherozeshah Rustomjee—*

(*Page* 92.) Transfer system is a necessary concomitant of each Ward clerk being placed in charge of a distinct section. Unless the system of leaving bills on receipts is dispensed with, there will be no effectual mode of shutting the door against fraud. A memorandum signed by the Assessor containing the requisite details ought to suffice for owners.

(*Page* 96.) Transfer system entails clerical labour.

(For Mr. Pherozeshah Rustomjee's views as to audit, *see* page 97.)

*Mr. Sorabjee Bomonjee Master.*

If inspection and collection work is separated, he would do away with the transfer system.

*Mr. Almeida, Superintendent, F Ward*, concurs with Mr. Master. (Page 114.)

**Prevention of Frauds in Future.**

*Mr. R. P. Brunton.*

One practical measure towards rendering frauds difficult to perpetrate is the employment of Assistant Superintendents. To keep a daily account of bills issued and collected and to check the collection books with the bills, bill by bill. That there should be an Assistant Superintendent for each Ward. The abolition of the practice of leaving bills with rate-payers, substituting for it the sending of a memo. If system of receipts for bills is retained then

a register of such receipts must be kept and signed by Superintendents; frequent reminders sent to non-paying rate-payers, and frequent verification of receipts by Superintendents. Large rate-payers might be requested to pay bills for large amounts by cheque direct to Assessor. Quarterly audit now made by Revenue and Refund Audit Officer. Register of disputed bills to be kept by Superintendents or Assistant Superintendents. Superintendents to check all bills in hands of Ward clerks, with the aid of the Assistant Superintendents, not less than once a month. Assistant Assessors to check bills for sums over Rs. 100 when they visit the Ward offices; the balances in Ward office ledgers with those in the Head Office ledger every fortnight, also the registers of disputed bills and receipt registers. Ward clerks should not post their own collection books. The work could be done by an extra Ward Office clerk under the Assistant Superintendent, but this would involve extra expenditure: seven clerks at Rs. 40 a month. The above might render frauds almost, though not altogether, impossible. (Page 35.)

Abolish the custom of leaving bills with tax-payers. Substitute a numbered memo. to be signed by the Ward Superintendent, countersigned by the Assessor, stating so many bills due, detail bill numbers, amounts, periods, and for what tax due. Memo. to be in form M. (Page 59.)

Does not think that if each bill is left for scrutiny and is acknowledged by receipt of person to whom it is served and his signature attested, would prevent forgery, as a witness's signature might also be forged. Does not know how the fortnightly return can be applied to the detection of fraud by any particular Ward clerk who could produce forged receipts for bills, as the bills themselves. (Page 62.)

There is more likelihood of defalcations in those Wards where too few assistants are employed than in those where they are employed. For instance, in C Ward particularly.

*Rao Bahadur Virprasad Tapiprasad.*

The establishment of Ward Offices is intended to check defalcations by carrying out the instructions laid down in the *Manual*. The principal irregularity which would facilitate defalcations would be to leave the collecting officer to be his own master as Jamsetji was practically allowed to have been; not to examine his books; not

to notice the numerous erasures which he appears to have made throughout the books; not to examine his balances carefully; not to check his figures and his totals; to allow him to handle bills just as he pleased and as it suited his convenience. If dates entered are erroneous it is the worst irregularity. (Page 29.)

*Mr. W. Pearson.*—The weak points of the *Manual* were the Superintendent of A Ward had the collection of taxes on public Land Conveyances and as a consequence, the whole of his time, from 11 o'clock to about 6-30 p.m., was devoted to that work, and he had no time to devote to the duties of Superintendent. This work has since April 1889 been transferred to E Ward where there is a special clerk to assist the Superintendent to cope with the work. The transfer system should be done away with. Enormous clerical labour offers facilities for frauds. Entries of the transfer of bills in the Ward collection book can be made by the Ward clerks without the knowledge of the Superintendent. (Page 1, Appendix **B**.)

Recommends the separation of inspection and collection work. Discontinuance of transfer system. Issue of bills to Ward clerks and daily taking account next day of such bills and register kept of them. Keeping the bills except such as are regularly issued to Ward clerks, in custody of the Superintendents or their Assistants as is being done now. Keeping a register of all bills left on receipt, so that bills with a party for an unduly long period can be seen to as is now being done. No bill being left on receipt without Superintendent's permission and signature to be verified by Superintendent and Assistant Assessor. Keeping a register of disputed bills to be checked by the Assistant Assessor. Form 16 to be altered (*Pages* 10, 11).

*Mr. Pherozeshah Rustomjee*—

Points which require improvements are:—

The system of leaving bills with owners on receipt; unless that practice is dispensed with there would be no effectual mode of shutting the door against frauds. Memorandum signed by Assessor containing all requisite details ought to suffice for owners. Ward clerks should not be allowed the custody of their Ward collection books, which should be in charge of the Assistant Superintendents, who should be primarily responsible for collection work and balances of Ward clerks.

The appointing of Assistant Superintendents for keeping a daily account of bills issued and collected as is now being done by the Commissioner is a measure which will be a safeguard against frauds. Unless the receipts system is done away with, there is no guarantee that frauds will not occur again.

*Mr. Sorabjee Bomanjee Master* would do away with the transfer system if the assessment and collection work is separated. The ward clerks should not be allowed to handle their collection books. At present there is nothing to prevent a Ward clerk from making a false entry in the collection book. He might collect a bill to-day, and appropriate the money to his own use ; in the transfer column he might write " transferred" to a certain Ward and put a certain date. The Superintendent is not in a position to detect such a fraud at once.

APPENDIX **B.**

# Minutes of Evidence given before the Committee.

*25th November* 1890.

MR. WILLIAM PEARSON, Acting Assessor and Collector

*By Mr. Dinshaw E. Wacha.*

*Q.* Over what period does your experience with the *Assessment Manual* extend? And what is your general experience of the practical details of its working?

*A.* Four-and-a-half years' practical working of the *Manual.*

*Q.* What would you look upon as being the weak points of the *Manual*?

*A.* I quote an instance: the Superintendent of A Ward had the collection of taxes on public land conveyances and, as a consequence, the whole of his time, from 11 o'clock to about 6-30 p.m., was devoted to that work, and he had no time to devote to the duties of Superintendent; but since April 1889 that duty was transferred to the Superintendent, E Ward, who has a Ward Clerk specially for the work to enable him to cope with the work. This work is not laid down in the *Manual.*

*Q.* During the four-and-a-half years of work has it ever occurred to you that the work could be done better, or do you think that the *Manual*, as far as you see, is perfect?

*A.* I think the transfer system should be done away with. Enormous clerical labour offers facilities for frauds; for the more clerical labour there is engaged, the greater the facilities for frauds. The entries of the transfer of bills in the Ward collection books can be made by the Ward Clerks without the knowledge of the Superintendents.

*By Mr. Cotton.*

*Q.* Supposing we got rid of that, how would you suggest it should be worked instead of by transfer? Or how can the transfers be made?

*A.* I should suggest the separation of the collection from the inspection, as at present the Ward Clerk, who does inspection work, also collects bills.

*By Mr. Dinshaw E. Wacha.*

*Q.* How would that minimise the work in connexion with transfers?

*A.* Bills would be sent to the Wards where they would be distributed, and the Ward Clerks, according to their sections, would collect them. In cases, where owners reside in other Wards, the Ward Clerks must go to those Wards for collection of the bills. For instance, a Ward Clerk in G Ward has bills belonging to owners who reside in A Ward and he could devote a day for going to A Ward for the purpose of collecting the bills. Taking the average Ward Clerk employed, I think, the duties are too much for him. Besides that, he has not sufficient intelligence or energy. He gets confused through the heavy and miscellaneous nature of the duties.

*By Mr. Cotton.*

*Q.* How would you divide the present establishment?

*A.* I should say that $\frac{2}{3}$ths of the Ward Clerks should do the inspection and the other $\frac{1}{3}$ths should do the collection. If the work was divided as suggested, I do not think this would entail additional expense; but at the same time it would do away with the transfer of bills.

[It was agreed that the following question be referred to Mr. Pearson for reply in writing:—"What suggestions have you to make as regards the time and labour involved in attending to the *Manual* in all its multiform variety? Are all the forms useful? Are there any which could be well dispensed with, without impairing the efficiency of the Department, and can you exactly state what additional work, according to the *Manual* has been thrown on the staff, superior and inferior, since the new Municipal Act came into operation?"]

*Q.* Is there any part of the *Manual* not complied with, and why?

*A.* Yes, for want of time on the part of the officers concerned.

*Q.* Is that the only reason or are there other reasons that keep the *Manual* not rigidly complied with? Is it simply for want of time or on account of carelessness or anything else on the part of the Superintendent or others?

*A.* It has been neglected principally for want of time.

*By the Commissioner.*

*Q.* Are you aware of any order (beyond which I have referred to) in the *Manual*, which has not been complied with?

*A.* No. In the collection work, the Superintendents and the Ward Clerks have not the time to carry out the *Manual* fully.

*By the Chairman.*

*Q.* Part of the instructions are not attended to on account of carelessness or neglect?

*A.* No neglect beyond the ordinary neglect which you find in other offices; nothing more.

[The consideration of the following questions was postponed:— "What are the practical measures you would propose which, while saving the Corporation any additional expenditure whatever of an increased staff, would lead to such efficiency of work and collection as might make it almost impossible for frauds of the character perpetrated by Jamsetji Muncherji?

"Will you furnish the Committee with a synopsis of the out-door and office work you do in a day, so far as it properly appertains to your post?"]

*Q.* Have you been instructed to investigate the accounts of your collection, say, for the last three or four years, with a view of discovering irregularities in collection? What are the outstandings of your Wards for the years 1887, 1888 and 1889?

*A.* No.

*By Mr. Cotton.*

*Q.* Are you satisfied that the Municipality have not lost money since 1889?

*A.* Yes, except in respect of bills for meter-hire.

*Q.* How long are they outstanding?

*A.* So far as I have been able to ascertain, a few bills are outstanding since 1886. The Clerks have lost the bills.

*By Mr. Dinshaw E. Wacha.*

*Q.* Do you keep a daily diary of the bills issued and collected ?

*A.* It is kept *now*.

*Q.* Is there no register to show when disputed bills were entered separately with a view to calling them up from time to time.

*A.* No regular register. We keep a separate register now.

[It was agreed that the register of bills be submitted to the Committee at their next meeting.]

*Q.* Does the list of outstanding bills, which is submitted to the Auditors, contain any remark against each bill showing the reason of its payment having stood over ? Does it show the date of first presentation of the bill to the payee ?

*A.* No, nothing whatever; simply the number and the amount.

[The following question was referred to Mr. Pearson for written report:—"What suggestions would you make for a more efficient audit of the outstandings. What improvements can be made, whereby, supposing that any Superintendent has neglected his work, the Auditors, while examining, are able to find it out?"]

*Q.* What are the advantages and disadvantages of the transfer system ?

[*Note.*—This question was not pressed as it had been answered previously.]

[*Questions* 13, 14, 15, 16 and 17 were held over to be put to the persons who may be concerned.]

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Is it, or is it not, the duty of the Assessor to notice and to provide against any departure from the standing orders regarding the daily issue and recovery of bills ?

*A.* It is the duty of every subordinate to obey the orders of his superior.

*Q.* Do you know of any deviation from the standing orders laid down in the *Manual* ?

*A.* I do not know of any written standing orders to deviate from those laid down in the *Manual*.

*Q.* Is it not the Assessor's duty to remind the Ward Superintendent when the amounts of outstandings are larger than usual?

*A.* It is.

*Q.* Is this duty done?

*A.* As far as I am concerned, it is.

*Q.* Are you aware of any laxity or neglect or indifference shown by officers in your department, causing loss to the Municipality and involving a pecuniary responsibility to the extent of such loss to the officers?

*A.* There was a circular issued to that effect by the Commissioner to all employés.

*By Mr. Viegas.*

*Q.* Can you do away with the system of receipts granted for bills retained?

*A.* No, we cannot. Bills must be given to owners of properties, especially mill-owners, in order that they may examine the bills to see whether they are correct, and when the bills are retained a receipt is obtained. If bills were not given to such owners, they would not pay them. This is done throughout the whole of the commercial world.

[Mr. Cotton informed the Committee that both in his office and in Mr. Gubbay's office they would never make a payment unless the original bill was left behind for the purpose of being checked and then passed as a voucher by the head of the department. The system of presenting duplicate bills would not work and neither would the system of presenting memos. of bills due do. In the two latter cases Mr. Cotton explained that they would be useless as vouchers, as no payments are made in his office unless and until the original bill is checked, passed and signed by the head of the department.]

[Mr. Pearson stated that, in the case of the poorer ratepayers, the system of duplicate bills or memos would offer greater facilities to the Ward Clerks to commit frauds.]

*By Mr. Dinshaw E. Wacha.*

*Q.* Do you believe that the receipt system has facilitated the fraud?

*A.* I do.

*By Mr. Viegas.*

*Q.* Do you think it is desirable to do away with it?

*A.* Yes, if you can get a better system.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Is it possible to get large bill-holders to pay them by cheque instead of by cash?

*A.* We cannot insist on this being done.

BOMBAY, 2*nd December* 1890.

*Mr. Pearson's replies to questions which he was asked to reply to in writing were now read as follow* :—

*Q.* What suggestions have you to make as regards the time and labour involved in attending to the *Manual* in all its multiform variety?

*A.* The separation of the inspection from the collection work by allotting a certain number of Clerks for each work.

The time for the inspection of properties by the Ward Clerks to extend over the whole year, instead of, as at present, from April to October.

Experience has shown that the Superintendent cannot test the valuations of all the properties in a Ward in one year, nor can the Assistant Assessors in the same time test 25 per cent. of them. The time should be extended.

The Assessor also cannot test 5 per cent. of the properties in one year. It seems to me that the Assessor, who has now to hear complaints throughout the year, should inspect such properties which in the hearing of complaints he may think it necessary, and others of a special nature. Now, it is very often the case, he has to hear complaints against his own valuations.

*Q.* Are all the forms useful?

*A.* All the forms are more or less useful.

*Q.* Are there any which could be well dispensed with without impairing the efficiency of the department?

*A.* I think Forms VI (General Statement of Demands) and VII (the Rate-payers' Ledger) might be dispensed with. It would then be advisable for ready reference to add to Forms I, III, and IV, certain columns showing the numbers of the bills (in the Bill Book) issued. This would also show whether a bill had been omitted to be preferred. From Form No. VII the Voters' List is prepared. This list can, however, be prepared from Forms I and IV with the help of the alphabetical index book kept of persons charged Wheel Tax. Forms I to XI*c* of the *Manual* comprise 14 separate books, and each Ward has a distinct set of books. Some of the books are in several volumes. The total number of volumes of the Forms I to XI*c*, kept in respect of all the Wards is for the current year 319, Forms VI and VII having 96 of this number. The services of one Clerk

of each Ward are required throughout the year for Form VI, and two Clerks of each Ward are required yearly for two months for Form VII.

*Q.* Can you exactly state what additional work, according to the *Manual*, has been thrown on the staff, superior and inferior, since the new Act came into operation?

*A.* (1) Increase in the number of bills consequent on levy of water and halalkhore taxes on *all* properties (including religious and charitable institutions).—Secs. 141, 142.

(2) Amendments of valuations under Sec. 167—

(*a*) Issue of special notices, their service by the Ward Clerks.

(*b*) Registering complaints received.

(*c*) Issuing intimations of hearing complaints, and their service.

(*d*) Hearing complaints by Assessor; attendance at each hearing of Superintendent or Assistant Assessor of the Ward.

(*e*) Submitting extract from Complaint Register to Commissioner for orders.

(3) One-fifth drawback—Numerous claims are received—

In 1888-89—1,170
„ 1889-90—1,817
„ 1890-91—5,264
} claims were received.

All these claims have to be sent to the Ward offices for inspection of properties and report on each case in an elaborate form. The head office scrutinize the Ward Officers' reports and submit them to the Commissioner for orders.

To recall and amend bills where drawback has been allowed, and, where not allowed, to inform parties by letter.

(4) Giving sub-numbers to each separate holding, and assessing them separately.—Sec. 158 (1). If such separate holdings become vacant, notices of vacancy will follow.

(5) Taxing of vehicles, drawn or impelled otherwise than by horses, ponies, mules, donkeys, bullocks or machinery.—Sec. 180.

(6) Taxing of donkeys, bullocks, or buffaloes, kept for draft or pack purposes.

(7) Transfer of properties, made compulsory. The Engineer allows water-connections on application from present owners. A list is furnished to the Assessment

Department whose duty it is to see that the properties are transferred to the names of the present owners.—Secs. 149, 150.

(8) Voters' List was prepared formerly once a year and published on 1st October. Now a *preliminary* list is prepared and published on 1st October, and then after investigating claims and objections, the final Election Roll is prepared and published on 10th December.—Secs. 11, 19 and 21 (1). This work occupies the time of one clerk of each Ward for nearly three months.

*Q.* What part of the *Manual* is not complied with?

*A.* Form I.—Abstract of religious and charitable properties as required in para. 14, p. 23.

Form IV.—Where the Wheel Tax Schedules returned by the owners are at variance with the entries in the quarterly return of the Superintendent or in new cases of increase, the Assessor or his Assistant should make a personal inspection.—Para. 2, p. 42. Not complied with for want of time.

The totals of columns 10, 15, 20 and 25 of the form are required to be taken and tallied with totals of columns 23, 25, 44—46 in Form VI at the time of issue of bills, but this is not done, as all the demands are not settled on the fixed dates of issue of the bills. They are tallied at the end of the year.—Para. 3, p. 42.

Form V.—The drawback claims under the Act are required to be settled seven days before the commencement of the half year, Sec. 158 (2); but this is found impracticable. They are settled *after* the bills are issued, and thus the numerous cases of bills recalled for amendment. Formerly the Assessor, under the orders of the Commissioner, granted the drawback.

Form VI.—The return of demands settled is not regularly submitted to the Commissioner for want of time.—Para. 4, p. 55, also para. 19, p. 5.

Form VII.—Cols. 6 to 12 in this form are not kept posted as required.

Form VIII.—It is shown in the form in the Manual that bills transferred from one Ward to another Ward should be entered in this form in unbroken order. This it is found by experience difficult to do, and separate books of bills received by transfer are kept.

Form X.—In para. 25, page 7, and in para 4, page 98—Inspection of vacancies—the Ward Clerks and Superintendents are required to inspect vacant properties once a month (see the form itself), and the Assistant Assessors are also required to inspect them. The Ward Clerks do inspect the properties monthly; the Superintendent and Assistant Assessors according to the time at their disposal.

Form XII.—Ward Clerks are required to inspect all the properties in their sections once a year and to visit each property at least once a quarter. They do the inspection of the properties once a year, but they have not the time to visit every property once a quarter.

Ward Superintendents are required to test the Ward Clerks inspection of every property once a year. This is not done, nor is it found possible to do it. The properties inspected by a Superintendent are seldom more than 600 or 700.—Para. 5, page 121.

The Assistant Assessors are required to test the inspection of Ward Offices at the rate of at least 25 per cent. of the properties in each Ward. The percentage inspected by them generally comes to about 5 per cent.—Para. 6, page 122.

The Assessor's test of from 5 to 10 per cent. cannot likewise be performed.—Para 7, page 122.

The quarterly returns of tests by the Assistant Assessor and the annual returns of tests by the same officer and by the Assessor are not submitted to the Commissioner.—Paras. 7 and 8, page 122.

Form XIV.—It is the duty of the Ward Clerk and the Superintendent to visit every property where animals or vehicles are kept once a month. The clerks do this, but the Superintendents do it but once a quarter. During the quarter January to March when the Superintendents are engaged in the hearing of complaints they do not do it at all.—Para. 2, page 132.

Form XVI.—All collections should be despatched to the Head Office daily so as to reach it, if possible, not later than 1-30 P.M. As inconvenience in the Chief Accountant's office was caused by this arrangement, the collections are now paid in to the Chief Accountant between 10 and 10-30 A.M. This necessitates the Superintendent leaving his outdoor work to attend the Ward Office to despatch his

collection about 9 or 9-30 A.M., and causes a considerable loss of time and interferes greatly with his inspection.—Para. 37, page 12 ; para. 7, page 154.

Fortnightly returns of collection are required to be submitted to the Head Office on 1st and 16th of each month. This is, however, done on 5th and 19th of each month, as it is found difficult by the Superintendents to compile and submit the returns on the dates specified in the *Manual*.—Para. 9, page 155.

The Assistant Assessor is required once in every quarter to examine records of each Ward in his charge with a view to ascertain that the several books, registers, reports, &c., are punctually and correctly written up, and to furnish a certificate of his examination to the Commissioner. This is not done.—Para. 12, page 156.

Appendix 26.—The Municipal Land Register is not kept by the Engineer's Department as required. It is required that whenever on inspection the Ward Clerk finds any circumstances (increase or decrease) justifying amendments, he should report such cases in form 13. This is complied with in so far as increases are concerned, or in cases where notices under section 153 (1) are given.—Para. 32, page 10.

*Q.* What are the practical measures you would propose which, while saving the Corporation any additional expenditure whatever of an increased staff, would lead to such efficiency of work and collection as might make it almost impossible for frauds of the character perpetrated by Jamsetjee Muncherjee ?

*A.* The separation of the inspection and collection work.

The discontinuance of the transfer system.

Issue of bills to Ward Clerks ; daily taking account next day of such bills. This is now being done ; and a register is kept of such bills.

Keeping the bills, except such as are regularly issued to the Ward Clerks, in the custody of the Superintendent or his Assistant. This is now being done.

Keeping a register of all bills left on receipt, so that bills with a party for an unduly long period may be seen to. This is now being done. No bill to be left on receipt without Superintendent's permission, and signature of signed receipt to be verified by Superintendent or Assistant Assessor.

Keeping a register of disputed bills, to be checked every month with the bills actually in hand by the Assistant Assessor.

Form 16 should, I think, show, in addition to the total amount of the bill, also the amount of each of the taxes which make up the total amount. A column showing the Ward number in respect of which the bill is issued should also be added. If this is done the Ward Officers would then be in a position to know at any time, 1st, from the Inspection Book, what the property is liable for; and, 2nd, from the Collection Book, what that property has been charged. In addition, I think, a column should be provided in which the residence of the party liable, could be entered.

*Q.* Will you furnish the Committee with a synopsis of the outdoor and office work you do in a day, so far as it properly appertains to your post?

*A.* General inspection work, comprising inspection of properties, inspection of Ward Offices, Ward Clerks' books, from half-past 6 or 7 to from 9 to 10 in the morning.

In office from between 11 and 12 to 5-30 and 6 P.M.—

See the Muster Roll.

Sign fair copies of previous day's draft letters.

Sanction the issue of notices of demand.

Sanction of Distress Warrants, and to initial each one before Commissioner's signature is affixed.

Attend to Refund cases, one Ward each day, and write up each case whether entitled to Refund or not.

Sign Refund Certificates.

Sign notices under section 167.

Write up the result of morning inspection in the tabulated Ward Report.

Sign, after examination, the papers and book in respect of transfers of properties.

Sign Stamp account, after checking with entries in Remittance Reports.

Sign Fees Register and Deposit Register, after seeing amounts are shown in Remittance Receipt forwarded to Chief Accountant.

Sign Remittance Reports of all the Wards before submission to the Chief Accountant.

Sign Ward Remittance Receipts.

Draft replies or approve of Draft replies to letters.

Attend to persons calling about assessment matters.
Hearing complaints.
Issuing instructions to Superintendents, &c., &c., &c.

The above duties, besides other heavy miscellaneous work, have to be performed daily. In addition there are other duties which occur at both fixed and unfixed periods, such as:—

Attending court in appeal cases.
Supervising the preparation of the Municipal Election Roll.
Scrutinizing the returns submitted by the Superintendents.
Examining the books of the Clerks in the office, &c.

For the 7 months—April to October—26,834 are the numbers of the Inward Register and 21,603 are the numbers of the Outward Register.

*Q.* What suggestions would you make for a more efficient audit of the out-standings?

*A.* This is answered already.

*Q.* What improvements can be made whereby, supposing that any Superintendent has neglected his work, the Auditors while examining it are able to find it out?

*A.* Check each bill, and correspondence relating to it, with Form 8. instead of as has hitherto been done with a summary.

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Rao Bahadur Virprasad Tapiprasad, Revenue and Refund Audit Officer

*By Mr. Dinshaw E. Wacha.*

*Q.* Over what period does your experience with the *Assessment Manual* extend?

*A.* My experience extends over a period of 8 or 9 years. Ever since the present system was organised.

*Q.* State what is your general experience with the practical details of its working?

*A.* I had to deal, as Special Assistant to the Commissioner, with everything the *Manual* required should go to the Commissioner and which came to him for decision.

*Q.* What were they? I suppose details?

*A.* Questions of valuation and assessment; liability to property taxes and wheel tax; exemption from property taxes, and wheel tax, refunds, remissions, &c.

*Q.* All those questions had to be disposed of by the Commissioner, and you used to assist him?

*A.* Yes, I was the officer who assisted him; besides that I have had occasion to act as Assessor and Collector from time to time during Mr. Brunton's absence. Then I had not only to do with what came before the Commissioner, but I had to prepare a large majority of the cases, and then assist him in the disposing of those questions.

*Q.* What do you think of the *Manual?* Is it effective or non-effective for the object in view?

*A.* I think, if the *Manual* is carried out in all its details; it is as perfect a system as can be devised by any head of administration under the same circumstances. I cannot think of a better system.

*Q.* Do you mean to say that your *Manual* is so very perfect, that there is no flaw in it?

*A.* All human work is full of imperfections. I think Mr. Ollivant himself, whose scheme the *Manual* sets forth in detail, did not consider it to be superhumanly perfect. As far as the interests of the Municipality go, I think the *Manual* looks more after them than anything else does. What I mean is, that the system, as a whole and in principle, is sound, and if the last decade's experience has shown any verbal alterations in the details in the *Manual* to be necessary, it is for the Assessor and Collector to propose such alterations, and for the Commissioner to consider them, as the responsible executive head of municipal administration.

*By Mr. Cotton.*

*Q.* What then, in your opinion, was the cause of the recent frauds?

*A.* Non-compliance with the instructions in the *Manual.*

*By the Chairman.*

*Q.* Then in what part of the *Manual*?

*A.* The instructions contained in the remarks on Form 16—The collections of the Ward.

*By Mr. Dinshaw E. Wacha.*

*Q.* As to Form 16, may I inquire whether it was one of those forms, the neglect of which escaped the Commissioner's knowledge and that of the staff? Mr. Acworth has stated

in his report that some part of the work laid down in the *Manual* was neglected. Was the Commissioner aware of that neglect?

*A.* I am not aware that the Commissioner was officially aware of it. I now find that Form 16 has been neglected. I am not aware, both as Special Assistant or as Revenue and Refund Audit Officer, that such non-compliance has ever been officially brought to the notice of the Commissioner.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Do you think it was the duty of the Assessor to bring this to the notice of the Commissioner?

*A.* The Assessor was intrusted with the carrying out of the *Manual* in the administration of the department, and if he departed from any of the standing orders in the *Manual* as authoritatively laid down by the Commissioner, I think it was his duty to report the fact to the Commissioner; unless he did it on his own personal responsibility.

*By Mr. Cotton.*

*Q.* You have heard Mr. Pearson's remarks, and the reasons he assigns for some of the forms being neglected. Do you agree with him?

*A.* I do not recollect the reasons.

*Q.* Mr. Pearson assigns as a reason that many things that had to be done were left undone because there was no time to do it. On this question, from your own long experience, I presume, you will be able to inform us.

*A.* When the system was organised by Mr. Ollivant, it was done on the statistics laid before the late Town Council when enquiring into the working of the Assessment Department under Mr. Hutchinson, and the department was manned according to what was then stated as being the requirements at that time. During this decade Bombay has expanded, and where there were 25,000 properties to be assessed and accounted for, there are now 50,000. This, of course, adds to the number of inspection entries in the assessment and collection books, preparation of bills, their presentation, and, in fact, to all the routine of the whole department. With the staff as originally organised, the Assessor had, of course, no time to do *everything* required

by the Manual. But it was never intended that anything calculated to affect responsibility as to municipal moneys was to be neglected under any circumstances.

*By Mr. Cotton.*

*Q.* As the department was organised, it could do all the work required of it some time ago ?

*A.* Yes, and on those figures we worked.

*Q.* You tell us that, as originally organised, the staff was quite sufficient for the work to be done. Is that staff sufficient for the work to be done now?

*A.* Of course, with that staff the Assessor has no time to do it.

*By Mr. Dinshaw E. Wacha.*

*Q.* Ever since the Assessment Department was reorganised in 1882, has not the establishment been from time to time increased, so as to allow the work of the *Manual* to be conducted in the manner desired ?

*A.* The subordinate staff was increased from time to time as the Assessor brought the necessity for it to the notice of the Commissioner; but the supervising staff, which was mainly responsible for the correctness of the work done, has remained the same up to now. Thus, there is but one Superintendent now to do the present work, when there was also one 8 or 9 years ago. I mean Ward Superintendent.

*By Mr. Cotton.*

*Q.* Then, you agree with Mr. Pearson that neglect of carrying out the *Manual* fully has been owing to the want of increase to the supervising staff ?

*A.* I respectfully think so, and I think further assistance would have been asked for by the Commissioner if the facts had been brought to his notice.

*By Mr. Dinshaw E. Wacha.*

*Q.* Is it to your knowledge that the Assessor, knowing very well that the whole work could not be done, did not ask the Commissioner to increase the staff ?

*A.* There is nothing on record to show it.

*By Mr. Cotton.*

*Q.* Then you agree with Mr. Pearson in his statement that the neglect to follow out the *Manual* fully in every

particular is due to the want of a proper supervising staff. I am not speaking of the subordinate staff.

*A.* I respectfully think so.

*By the Chairman.*

*Q.* When did you think of this want of deficiency in the supervising staff? Did you discover it since the fraud?

*A.* I discovered it some years ago, and brought the fact to the notice of Mr. Ollivant in the presence of Mr. Brunton, when he was preparing the new schedule; and I then said that the Superintendents should have some more assistance to assist them in their work.

*By Mr. Dinshaw E. Wacha.*

*Q.* Is that on record?

*A.* That was a personal interview, which is not on record.

*By Mr. Viegas.*

*Q.* What was the answer that Mr. Ollivant gave you when you brought the necessity to his notice?

*A.* Of course, he must have consulted Mr. Brunton and determined upon what was necessary. I do not know.

*By Mr. Dinshaw E. Wacha.*

*Q.* What suggestions have you to make as regards the time and labour involved in attending to the *Manual* in all its multiform vareity?

*A.* Unless the public of Bombay are prepared to dispense with the presentation of bills as they do in the case of the Collector of Bombay demands (which is that they send only notices and on that notice the money is paid into the office); unless that course is followed here I cannot think of any other mode of diminishing the work of the *Manual*. Even if there were any other system, I think there can be no practical diminution of work.

*By Mr. Cotton.*

*Q.* Mr. Pearson suggests separating inspection and collection, and also suggests that there should be no transfer of bills.

*A.* I do not agree with him on both the points.

*Q.* What are your reasons?

*A.* I will answer the question of separation of collection first. That system was in force in Mr. Hutchinson's time.

When the department was re-organised there were Receivers, whose only duty was to present and collect the bills. There were Inspectors whose only duty was to inspect and assess properties. In the inquiry of 1880-81 that system was found to have failed. No officer of the department was found to possess that local knowledge which is essential to correct valuation and assessment as well as prompt collection. The Inspectors, who were not responsible for collection, made careless inspection, while the Receivers, who were not responsible for assessment, complained of wrong assessment and disputes on the part of property holders. It was on this account that both the offices were combined in one man, who was placed in charge of a small circle or section, which he was expected to know in every part of it. As regards the transfer question, so far as the department is concerned, there is not the slightest objection to transfers being done away with ; but the inconvenience of it will be felt by the body of rate-payers at large, because if a bill for water-tax for a particular mill in Mahim ward cannot be transferred to the A Ward for collection where it is paid, the Mill-owner himself must go and pay it in the G or Mahim Ward office. It is necessary that the accounts must go by properties, not by persons.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Do you think that the result of the separation of the inspection and collection duties would be that a rise in the value of properties would not be attended with a corresponding rise in assessment?

*A.* That was found to be so in the separate system under Mr. Hutchinson.

*The Chairman.*—You had better not use names. Say it was under a former officer. *A.*—Yes, under a former officer, and we may reasonably apprehend that the same result would follow if the same system were re-inaugurated.

*Q.* What is your opinion, if the Ward Clerk were to collect bills in another ward instead of that bill being transferred to the proper Ward, *i. e.*, if the Ward Clerk followed the bill into another Ward?

*A.* It would take him away from his own circle, and practically it would mean that he would have to go over the whole of Bombay. This would materially affect his

responsibility and that of his Ward Superintendent, and the Ward Clerk would be less under his control ; besides there would be waste of time and energy, and moreover the Ward Clerk's salary will have to be increased by a travelling allowance if he has to travel over the whole of Bombay.

*By Mr. Cotton.*

*Q.* Is it not possible to establish a central office for the collection and transfer of bills ?

*A.* Yes, it is possible ; but it is only a question of expenditure, because in the Head Office it would require a corresponding increase in the establishment to keep accounts current with that office, and that office must be presided over by a responsible officer, which practically means the creation of a new Ward Officer.

*By Mr. Dinshaw E. Wacha.*

*Q.* A supernumerary Ward Officer ?

*A.* Yes.

*By the Chairman.*

*Q.* But that would stop all future defalcations ?

*A.* Yes, if the supernumerary Ward Superintendent performed his duties properly.

*By Mr. Dinshaw E. Wacha.*

*Q.* Is not division of labour better in conducting the work of the assessment and collection ?

*A.* Yes, and in organizing his scheme, Mr. Ollivant has paid all the attention to it that was possible. The difficult, and so to speak, professional part of assessment and collection work was entirely divided between the Assessor and Collector's Head Office and the Commissioner's Office, while the comparatively easier and mechanical duty of collecting facts or information and money, and of passing them on to the Head Office in set forms was entrusted to the Ward Clerks as supervised by the Ward Superintendents. Any further subdivision of labour in the Ward Office is not only expected to be less economical, but is calculated seriously to impair efficiency. If one set of Ward Clerks collect information as to the assessment of properties, another collect bills, a third watch vacancies and examine 5th draw-back cases, and a fourth count taxable animals and vehicles, the area in charge of each Ward Clerk becomes

unduly enlarged, supervision becomes less effective, and the Ward officers fail to acquire that local knowledge which has been found to be necessary to correct assessment and prompt collection, while the rate-payers themselves get bewildered with the host of officers who visit their premises one after another.

In adopting the principle of division of labour, which Mr. Ollivant has done, he has assimilated the system to that obtaining under Government in the Revenue administration of the Presidency. The village officers of Government are not only village assessors, collectors and accountants acting under the immediate supervision of the mamlutdar, but also sanitary officers, collecting and passing on birth and death statistics, reporting outbreaks of epidemics and looking after village sanitation, Public Works superintendents supervising the execution of village public works, such as village tanks, wells, school-houses, roads, &c., and general statistical officers collecting village statistics, such as population, village products and crops, &c. It is on the local knowledge acquired by these village officers in the performance of these multifarious duties in simple and prescribed forms, that the fabric of efficient Imperial administration greatly depends, and any further such division of labour in the village would not only be more expensive, but is calculated to weaken the administration. Municipal Ward Clerks were intended to occupy the position of Government village officers.

*Q.* In such division, do you not think that the work of inspection and collection could be better performed if performed separately?

*A.* I can only speak from past experience. Past experience has shown that it was not well performed.

*Q.* Was it not well performed for the reason you state, or was it for any other cause of which you have no knowledge which brought about the failure?

*A.* My knowledge of that failure was acquired from the detailed evidence recorded by the late Town Council and their elaborate report on the subject, as also by a personal examination of the accounts and balances of the Inspectors and Receivers; and I think that there is no reason to suppose that there was any other cause of failure.

*Q.* Supposing we take 100 properties and say they were assessed some for Rs. 10 and some for Rs. 20, and so on, and that you kept a separate man entirely, whose duty it would be to collect such assessment, how could the collector undertake to say that because the properties were assessed incorrectly the collecting agency was not responsible for the proper collection ?

*A.* I can only give my opinion as I have given it.

*Q.* About the transfer system, will you give us an average or an estimate of the percentage of the number of properties over which a Ward Clerk will have to go to another Ward to collect the bills ?

*A.* That information can be better supplied by the Assessor.

*Q.* Do you mean to say that the Ward Clerk of one Ward will have to go round the whole of Bombay beside the Ward in which the properties are assessed ?

*A.* Yes, and they will require conveyance allowance.

*Q.* What is the percentage ?

*A.* I think the Commissioner gave some 30,000 bills, which information, I think, he got from the Assessor's Department. If transfers are not made, it would come to this: the Ward Clerk in the Mahim Ward, who has bills sometimes belonging to owners, such as Sir Dinshaw Maneckji Petit and Mr. Damodher Thackersey Mulji, &c., residing in the Fort, Bhuleshwar, &c., will have to walk over the whole distance, and if the owner does not happen to be at home, the Ward Clerk will have to go again.

*Q.* What is the percentage in such cases where the Bill Collectors have to run from Ward to Ward ?

*A.* I think the Assessor might be asked to supply this information.

*Q.* Is the percentage large or small which warrants you to give this answer ?

*A.* I think it is large enough to materially interfere with the duties of the Ward Clerk.

*By Mr. Viegas.*

*Q.* What objections are there to enforce the demand of the Municipal taxes in the same way as the Government Collectors do ?

*A.* I do not see any. If you want the luxury of bills being presented to you for payment at your place, then you have to pay for it.

*Q.* What objection is there?

*A.* The rate-payers will know better than I do.

[Mr. Cotton here intimated that he had a great objection to the system.]

*Q.* Supposing we were to make the bills in the names of persons and not properties?

*A.* They are prepared in the names of persons.

*Q.* Then why not ascertain first where the owners reside and then send the bill into that Ward?

*A.* It is not the person who is taxable, it is the property. The owner may change half a dozen times.

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*9th December 1890.*

*Examination of Rao Bahadur Virprasad Tapiprasad* —continued.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* You are the Revenue and Refund Audit Officer?

*A.* Yes.

*Q.* What are your duties as Revenue and Refund Audit Officer?

*A.* They were set forth in the schedule submitted by Mr. Ollivant to the Corporation.

*Q.* I should like to know what they were?

*A.* It is a long list. Shortly, they may be stated as follows:—To audit revenue accounts proper as they are kept in the several departments of the Municipality. Secondly, to scrutinise revenue-earning or revenue-affecting correspondence which passes through me; I am to state my opinion thereon in passing the correspondence on to the Commissioner; to scrutinise Town Duty Refund claims and Assessment Refund claims for vacancy as well as for over-collections; to hear complaints against valuations whenever the Commissioner asks me to do so, and, generally, to submit such revenue reports as the Commissioner may require, and to watch the method and the system in the revenue administration of the Municipality, bringing irregularities and abuses to the notice of the Commissioner.

*Q.* Was not this office created only last year?

*A.* It was created after the schedule was sanctioned.

*Q.* When did you join your new office?

*A.* I was appointed Revenue and Refund Audit Officer about the beginning of the current official year.

*By the Chairman.*

*Q.* In April last?

*A.* Yes; but I was absent on one month's privilege leave shortly afterwards.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Before the creation of this office this year, who did the duty of revenue supervision and audit?

*A.* The Commissioner himself, and I had the honour to assist him as Special Assistant.

*Q.* How long have you been doing this new work of revenue supervision and audit?

*A.* Ever since the new organization of the Assessment Department I have been doing revenue supervision and audit work, *i.e.* since 1882.

*Q.* In what respect does your work differ from that of the Chief Accountant?

*A.* The Chief Accountant's duties have been assimilated by the Accountant-General's Committee, by Sir Theodore Hope's Committee, by the Municipal Act of 1872 and by the New Act to those of the Accountant-General. The the audit portion being done by the Municipal Secretary and the Auditors appointed by the Corporation, my duties have been assimilated to those performed in the office of the Revenue Commissioner of Divisions. The Chief Accountant has to do with the budget and the expenditure on the financial principles which regulate the budget system of Government.

*By the Chairman.*

*Q.* On the budget system as laid down in the Act?

*A.* According to the principles which regulate the budget system of Government as laid down in the Municipal Act. My duties are connected with the revenue administration, the object being to see that every item of revenue due to the Municipality under the Municipal Act is brought to account.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Will you tell the Committee how a continuous revenue supervision and audit over the Assessment Department is absolutely needed for the proper and punctual collection of Municipal revenue?

*Mr. Cotton.*—I believe Mr. Javerilal's questions will require time to answer. Would it not be better for the purposes of this Committee, if those gentlemen who have questions to ask, to put them in and allow us to get written answers? If questions arise out of the written answers, then the additional questions might be put. In this way we could get more satisfactory answers, and it would save time.

*The Hon'ble Mr. Javerilal U. Yajnik.*—There are some questions which might be answered on the spur of the moment.

*The Chairman.*—Whether they are small replies or big replies, give the Rao Bahadur the whole of them to answer at once, and then we could finish with him in a short time.

*Mr. Cotton.*—Then our procedure will be, that those gentlemen who have questions to put will be good enough to hand them to the Chairman, and the gentlemen who have to answer them will be good enough to write their answers.

*Mr. Dinshaw E. Wacha.*—Would it not be better if we got all the questions and answers printed?

*The Hon'ble Mr. Javerilal U. Yajnik.*—One set of questions will not do for all Officers. These questions I am putting are for this particular gentleman.

*The Chairman.*—But you have all the questions for this gentleman ready?

*The Hon'ble Mr. Javerilal U. Yajnik.*—Yes.

*The Chairman.*—Then I will hand them to the Rao Bahadur.

[The questions were handed in. The Commissioner here intimated that he considered it would be impossible to keep Mr. Virprasad Tapiprasad in office for another week as his health is such that he is going on leave at once. It was therefore necessary that his examination should be proceeded with as soon as possible.]

*Mr. Cotton.*—If he sent in his replies, it would do.

[In reply to the Chairman the Commissioner stated that Mr. Virprasad Tapiprasad is going on two months' leave.]

The Hon'ble Mr. Javerilal U. Yajnik was proceeding to ask a question when Mr. Cotton said he did not see the necessity of needlessly extending the enquiry. If questions were put down on paper, much more satisfactory answers could be obtained.

[The Chairman read out some questions written by the Hon'ble Mr. Fazalbhoy Visram.]

*Mr. Cotton.*—All the written questions should be handed to the Chairman to be passed on to the gentlemen to be examined and, when the replies come, each set of questions might be read over, and, if any further questions suggest themselves to members, they should be put.

*The Chairman.*—That will do. The questions should be printed.

*By Mr. Dinshaw E. Wacha.*

*Q.* The other day you said you thought that the old system of inspection and collection, which had been kept separate, had broken down ? *A.*—Yes. *Q.*—You are aware that, at that time, the *Manual* did not exist. *A.*—Yes. *Q.*—With the system of the *Manual*, cannot the assessment and collection be separated as before ?

*A.* Yes, it might be on a different basis, but the bill collector would not, as such, be responsible for assessment and the Inspector would not be responsible for collection, and the result of the change would be, that where the Sub-wards and the Sections are largest, the work will get lax and the knowledge of the officer concerned—the local knowledge—will be less and the supervision of the Superintendent rendered more labourious and less effective. At some seasons of the year the bill collectors would be comparatively idle, and at other the inspectors. There would be indirect waste of time and money.

*Q.* In the first place you are drawing a conclusion on the old system when the *Manual* did not exist. The question is, whether the old system broke down because the *Manual* did not exist, or because there were other reasons. The charges at that time against the Assessment department were, that it was careless in some cases, in some cases there were under-assessments and in some cases over-assessments, and there was also corruption.

The Chairman here remarked that, during his experience as Coroner of Bombay, a case came before him officially

where a house that had fallen down had actually never been assessed at all.

In answer to this question, Mr. Virprasad Tapiprasad read out his former reply from page 19.

*By Mr. Dinshaw E. Wacha.*

*Q.* Opinions may differ. What I ask you is this; there are Ward Clerks and there are Superintendents. If the Superintendents and the Assistants simply went about the town to see that the houses were properly assessed, and the rates which ought to be paid to the Municipality were assessed, corrected so far as assessment books and assessment were concerned, then the Bill Collectors could do their own duty—simply the collecting-work. By this means all would have more time to do their respective work.

*A.* Under the old system the bill collector was found to be sleeping at home after collecting the bills.

*Mr. Dinshaw E. Wacha.*—Mr. Virprasad is so wedded to his own opinion that he will see nothing good in any new *regime.*

*Mr. Virprasad.*—I submit I am entitled to my own opinion, whatever may be its value, and I cannot be called on to change it in order that it may fit in with the ideals of others.

*Mr. Cotton.*—You would have to give the Bill Collector a much larger area, and you would have to give the Assessor also a much larger area. Under these circumstances, I believe the Rao Bahadur does not think that the system will do. If I understand him rightly he means this, that if you make a collector a collector only, he will have to get a larger area ; and if you make an assessor an assessor only, he will also have to get a larger area. The Rao Bahadur says that if you gave a man double the area and one kind of work, and if he has to go over that area, he is not likely to perform his duty as efficiently as if he had only half the area with two kinds of work.

*Mr. Virprasad Tapiprasad.*—For the successful administration of the department, local knowledge is absolutely necessary. Take the election roll. The Assessor has to prepare it, and the Act requires a deal of information to be collected, whilst a knowledge of the Rate-payers, Justices and Graduates is necessary. Who is to know all this ? The Assessor at present is able to see that a dead man's name does not appear in the Voters' List.

*The Chairman.*—A dead man's name does appear there sometimes.

*Mr. Virprasad Tapiprasad.*—The ward clerks know each man with whom the department has to deal under the Act. If you extend the clerk's area to twice or thrice the amount for collecting bills only, he will not know anything of the rate-payers, because in many cases the bhagas or peons or clerks pay the bills. And the Inspectors will not be in a better position to know them, for they can ascertain rents from the tenants. It is when several duties are combined in one that in the performance of them Municipal officers know the rate-payers and the circle in their charge.

I respectfully submit that it is unfair to me for the Committee to think that I am prejudiced in favour of any system. I state my opinion as I honestly entertain it, but if the Committee differ from me, they may try another system.

*By Mr. Dinshaw E. Wacha.*

*Q.* Will you give us some statistics whereby you can prove your point that by carrying out the present system, time will be saved ?

*A.* If you want any particular statistics, it will be my duty to prepare them.

*Q.* I will give you a schedule.

*Mr. Cotton.*—Supposing we followed Mr. Pearson in his opinion and divided the inspection and collection, and supposing we took the A and B Wards. How many Ward officers are there in each?

*A.* Seven in A Ward and 9 in B Ward. If we were to divide the work, we should put 8 Collectors for A and B Wards and 8 Inspectors for A and B Wards, and the 8 Collectors would have to do A and B and the 8 Inspectors would also have to do A and B Wards, and thus the Collectors would have to travel from the end of Colaba to the extreme end of B Ward ; the limits of A Ward being from Colaba to the Esplanade and B Ward from the north end of Jail Road up to the Carnac Bridge. It is easier for one man to inspect 700 houses and to collect the taxes from those houses than it would be for him to only inspect 1,400 houses.

*Mr. Dinshaw E. Wacha.*—The man who went to 700 houses only would do the whole in half the time.

*Mr. Cotton.*—Then it is easier for one man to go to 700 houses to see what is going on in each of the 700 houses, and at the same time to ask for the taxes, than it is for a man to only collect bills for 1,400 houses.

*Mr. Viegas.*—You first entered the service for only three years, what were you doing during those three years ?

*Mr. Virprasad Tapiprasad.*—Assisting the Commissioner in introducing the new system and in seeing that it is carried out.

*Q.* And after that ? *A.*—Doing the same duty. *Q.*—You are the Revenue and Refund officer ? *A.*—That is as I am entered in the Budget. *Q.*—How is it that these defalcations escaped your notice ? *A.*—I was connected with the Head Office, and it was the accounts of the Assessor that it was my duty to audit. The Ward offices were immediately under the supervision of the Assessor, and I have no authority to interfere with those offices, or to audit their accounts, and except since 1st April last I never did it. *Q.*—Then your designation was a misnomer ? *A.*—Mr. Ollivant must account for the misnomer, if it was one. A reference to the Budget will show that my official designation was therein shown to be Special Assistant for auditing *Revenue Accounts* and Refunds. A perusal of Mr. Ollivant's scheme will show (see accompaniment to his No. 5013 of 20-6-82 to the address of the Corporation) that these Revenue Accounts were kept by the Assessor and Collector at the Head Office under a trained Revenue Accountant and not by the Ward officers, who were only executive subordinates keeping mostly field books and inspection books and a tabular book of bills received and collected.

*Mr. Cotton.*—Whatever your duty might have been, would it have enabled you to find out the frauds ?

*A.* If it had been possible to examine the balances of each Ward Clerk as they actually were with him, and to check them with the head office books in detail and not in totals only, I think the present frauds would have been discovered.

*By Mr. Bhalchandra K. Bhatawadekar.*

*Q.* Is there no provision in the *Manual* for such inspection ? *A.*—Yes, there is a quarterly audit provided for—page 136, clause 12. *Q.*—Has this been done ? *A.*—The Commissioner has not received the certificate en-

joined in that instruction. *Q.*—Has that been done? *A.*—I think it has not been done as required by the *Manual.*

*By Mr. Viegas.*

*Q.*—Was it your duty as Special Assistant to visit the Ward Offices? *A.*—No. *Q.*—Whose duty was it, then, to have discovered these defalcations? Who, in your opinion, is responsible for not having discovered these defalcations? *A.*—The officers under whom the defaulter worked. *Q.*—Who were the officers? *A.*—The Superintendent of the Ward, the Assistant Assessor in charge of the Ward, and the Assessor and Collector. *Q.*—Will you please name the officers by name? *A.*—For what period? *Q.*—For the period over which the defalcation extend.

*The Chairman.*—I do not think this is necessary; the names are available in the office if they are wanted.

*Mr. Viegas.*—Then I am to understand that you are not responsible in any way for the defalcations not being discovered?

*The Chairman.*—He has answered that.

*By Mr. Viegas.*

*Q.*—Is the establishment of a separate Ward office conducive to the discovery of defalcations or otherwise? *A.*—The establishment of Ward Offices is intended to check defalcations. *Q.*—How? *A.*—By carrying out the instructions as laid down in the *Manual.* *Q.*—Don't you think that many of the forms and many of the columns in the *Manual* could be dispensed with? *A.*—Which particular forms?

*Mr. Bhalchandra K. Bhatavadekar.*—I think this question ought to be put down on paper as agreed and sent to the Chairman.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.* Can you tell the Committee what are the irregularities which are likely to lead to defalcations? *A.*—The principal irregularity which would facilitate defalcations would be to leave the collecting officer to be his own master, as Jamsetji was practically allowed to have been; not to examine his books; not to notice the numerous erasures which he appears to have made throughout the books; not to examine his balances carefully; not to check his figures and his totals; to allow him to handle bills just as he pleased and as it suited his convenience and all the

time to consider him to be a very competent man. *Q.*—Are erroneous entries and dates of payments one of the irregularities? *A.*—If the dates entered are erroneous, it is of course the worst irregularity. *Q.*—Were these irregularities noticed by the Superintendent of A Ward? *A.*—As far as I am aware, no. *Q.*—Were not all these irregularities reported upon by the Superintendent to the Assessor? *A.*—If they were, I should not know it. *Q.*—Do you know whether the Assessor reported any of these irregularities to the Commissioner? *A.*—I do not recollect having read reports of such irregularities as I have enumerated. *Q.*—Do you know of any single case in regard to Jamsetji that was reported to the Commissioner? *A.*—By whom? *Q.*—Either by the Assessor or otherwise or any correspondence that may have come to your notice? *A.*—I, myself, detected in the course of my Refund audit an irregularity of this nature in 1885-86.

*By Mr. Cotton.*

*Q.* By Jamsetji?

*A.* Yes; when it was found that he kept back the amount of a certain bill for about a month.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—How was the case disposed of? *A.*—As the money had been paid in the office, Jamsetji was fined Rs. 10. When I discovered it, the money had been paid. *Q.*—Was this matter brought to the notice of the Assessor? *A.*—The Assessor himself, in the course of the inquiry which followed, reported that Jamsetji's conduct was unsatisfactory and that he was a man requiring to be looked after. *Q.*—What notice did the Commissioner take of it? *A.*—He inflicted a fine of Rs. 10. *Q.*—Was no warning given him? *A.*—Yes, he was warned that a repetition of such conduct would entail his immediate dismissal.

*By Mr. Cotton.*

*Q.*—Did the Assessor warn Jamsetjee himself or through the Ward Superintendent? *A.*—The Assessor will know that better. *Q.*—You told us the way in which defalcations could be detected, that is, by examining the balances of the Ward Clerks, and you also read from the *Manual* that inspection would be sufficient every three months. Who does this inspection? *A.*—It is now the duty of the

Revenue and Refund Audit Officer to do the quarterly inspection or audit. *Q.*—Is the Assessor able to do it? *A.*—The Assessor was not able to do it, and it was one of the reasons why the Revenue and Refund Audit Office was specially organised. *Q.*—Have you done it? *A.*—I have done it once, that is, in October. At the end of June the quarter was over; I had just returned from leave and there were no orders issued. I then did the Market, the Health Department, and the Engineer's Department, and reserved this audit for afterwards; but before that came up, this fraud was discovered in August. *Q.*—With the staff you had before? *A.*—I had no staff before. *Q.*—It was the Assessor's duty before, and you found it could not be done? *A.*—Yes, without extra staff.

*The Commissioner.*—The defalcations were discovered before the Audit Office was in working order.

*By Mr. Dinshaw E. Wacha.*

*Q.* Did it form part of your duty as Special Assistant to the Commissioner in 1882 to see whether the instructions contained in the *Manual* were carried out? Were there any specific written orders or any verbal instructions from the Commissioner to see that the department actually carried out the reputation in the *Manual*?

*A.* The carrying out of the *Manual* was entrusted to Mr. Brunton and I had no authority to report any case except those cases which came before me in the course of business. If I went to see any books and found any irregularity I reported it, and so on. Whatever came before me I reported to the Commissioner.

*Q.* Were the instructions of the *Manual* neglected purely on account of inefficiency of the staff?

*A.* I should think so.

*Q.* Being a Revenue Officer of great experience, did not the irregularity committed by Jamsetji arouse your suspicion and prompt you to see that the *Manual* was kept properly?

*A.* Both before and after the case referred to, I was very careful in scrutinizing the work that came before me in the course of business and brought all the irregularities discovered to the notice of the Commissioner and the Assessor. But here my duty ended. The Ward Officers were necessarily under the sole control of Mr. Brunton and he was very jealous of my interference with them.

*The Commissioner.*—Very properly so.

*By Mr. Dinshaw E. Wacha.*

*Q.* You had not the slightest suspicion of the *Manual* being neglected ?

*A.* No, when the reports which had to be submitted did not come, I had to report the fact to the Commissioner. If the Assistant Assessors did not do as required by the *Manual*, I had to report it to the Commissioner. As the department was started as it were out of chaos, every allowance had to be made for many shortcomings. But it was never known at the time that there was any order in the *Manual* neglected, which was calculated to cause laxity in connection with Municipal collections.

*Q.* Perhaps you are not aware that the *Manual* had been neglected, and that the Commissioner had knowledge of it ?

*A.* I think the Commissioner had no knowledge of it.

*Q.* It was no part of your duty to inspect quarterly outstandings as you do now. Does it form part of your duty to examine the balances now?

*A.* It was not my duty to examine the balances of each Ward Clerk and Ward Superintendent. I examined the balances as shown in the Revenue Accounts of the Assessor and Collector. I saw that the demands were correct, that the Assessor's collections tallied with those paid into the Municipal treasury, as shown by the Chief Accountant's Report, and that the difference between these tallied with the balances as shown by the Assessor and Collector.

*Q.* You do not go into the details ?

*A.* As Special Assistant I did not go into the balances of each Ward Clerk as it is now my duty to do once in every quarter as Revenue and Refund Audit Officer. Before the creation of the Audit Office we called upon the Assessor for explanation whenever the outstandings were large. It was my duty to point it out to the Commissioner, and the Assessor was called upon for an explanation. The Assessor never pointed out that the *Manual* had been neglected.

*By Mr. Bhalchandra K. Bhatawadekar.*

Q. Did you ever act as Assessor? *A.*—Several times. *Q.*—When the *Manual* was being put into working order ? *A.*—Yes. *Q.*—Did you ever find irregularities, and did you ever call the attention of your subordinates to them ? *A.*—I think it was in 1883-84 that there was a mess, that

is to say, that the officers selected failed in their duty. I was placed in charge of the department. There were many irregularities, and I had to set them right. In Acting for Mr. Brunton, I was always appointed in addition to my own duties. I was asked by Mr. Ollivant not to interfere in Mr. Brunton's arrangements in the Ward offices. It was not my duty to go and examine the Ward offices, and therefore I do not know of any irregularities in the Head Office. My duties were confined to only watching the work in the Head Office, and the Ward offices were left entirely in the control of the Assessor and Collector ? *Q.*—When you were acting as Assessor, you had opportunities to find out whether the *Manual* was being worked properly or not ? *A.*—I had been asked by Mr. Ollivant not to bother myself about outdoor work, and not to interfere with Mr. Brunton's arrangement in the Ward offices. I was appointed in addition to my own duties, and had, in fact, no time to do outdoor work. *Q.*—The last audit you did was in October? *A.*—Yes. *Q.*—Did you do it personally ? *A.*—I did it with the assistance of my audit clerks. The clerks and myself compared the lists with the actual balances on hand, and then we go to the head office and compare them in detail with the balances as shown in the head office accounts. *Q.*—The *Manual* in para. 11 provides that there should be an annual audit ? *A.*—That has been held throughout. I was entrusted with it, and I examined the books, and, after I had seen them, the adjustments had been made, and then the report submitted. *Q.*—Then how is it the defalcation was not discovered ? *A.*—All this money which had been misappropriated had been shown as outstanding in the Assessor's accounts. *Q.*—What is the duty of the Municipal Auditors ? *A.*—A financial audit on the system followed by Government in the Accountant-General's Department. They compare the vouchers with the entries in the accounts kept by the Chief Accountant or submitted to him.

*By Mr. Dinshaw E. Wacha.*

*Q.* While you were acting as Assessor and Collector, did it not occur to you that your own handy work was not completely carried out? *A.*—In the Head Office it was carried out. The work of the Ward office, of course, came to me, and I saw that, as it thus came to me, it was right.

*Q.*—Then I understand that so long as you were acting as Assessor and Collector, everything in the Head Office was quite correct and nothing was neglected ? *A.*—The *Manual* was generally carried out, and whenever I noticed irregularities it was my duty either to report on them or to set them right. *Q.*—You have been entrusted by the Commissioner to inquire into the irregularities which prevailed before June 1889? *A.*—Yes, I was directed by the Commissioner to do so. *Q.*—Have you made the inquiries ? *A.*—Yes, they are going on. I have not been able to report upon them. My ill-health has prevented me from doing so.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—So far have you been able to discover any irregularities ?

*A.*—I have had the bills of Jamsetji compared from the time he joined in 1884 up to the time of the defalcations, and since my clerks have finished the work I have been ill and unable to handle voluminous books, and personally I have not been able to satisfy myself by personal inspection of the entries how the matter stands.

*Mr. Balchandra K. Bhatwadekar.*—I believe there are some reports sent by the Superintendent and by the Assessor to the Commissioner. I think these reports should be placed before the Committee.

The Commissioner promised to lay the reports before the Committee.

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BOMBAY, 16*th December* 1890.

MR. R. P. BRUNTON, Assessor and Collector, examined on the following written questions put by—

*By Mr. Dinshaw E. Wacha.*

*Q.—Over what period does your experience of the Assessment Manual extend, and state what is your general experience of the practical details of its working ?*

*A.*—Since December 1882.

(2) My general experience is that the system, as laid down in the *Manual*, is a good one, but that it involves very laborious work on all concerned. I think it should be modified in some of its details, and these I have specified

in Memo. A.-7, attached hereto. The employés should all be men of good physique, intelligent, and of fair education.

2. *Q.*—(*a*) *What suggestions have you to make as regards the time and labour involved in attending to the Manual in all its multiform variety?* (*b*) *Are all the forms useful?* (*c*) *Are there any which could well be dispensed with, without impairing the efficiency of the Department?* (*d*) *Can you exactly state what additional work, according to the Manual, has been thrown on the Staff, superior and inferior, since the new Municipal Act came into operation?*

*A.*—(*a*) With the exception of the duties required by the *Manual*, which cannot be done, as specified in Memorandum A-7, I have no other suggestions to make. (*b*) The forms are all useful. (*c*) I do not think any of the forms could be dispensed with, except, perhaps, Form 6—see M. A-7. (*d*) Please see my answer to Committee, Question No. 30.

3. *Q.*—*How much of the practical part of the Manual remains unattended to for want of time required to go rigidly into the details described therein, and how much for other causes? If the latter, please state what they are?*

*A.*—I have given the required information in Memorandum A-7.

4. *Q.*—*What are the practical measures you would propose, which, while saving the Corporation any additional expenditure whatever of an increased staff, would lead to such efficiency of work in collection as might make it almost impossible frauds of the character perpetrated by Jamsetji Mancherji?*

*A.*—(1) One of the measures is the employment of Assistant Superintendents to keep a daily account of bills issued and collected, and to check the Collection Books. But I think there should be an Assistant Superintendent for *each* ward.

(2) The abolition of the practice of leaving bills with rate-payers, substituting for it the sending of a Memo. something similar to that suggested in my Answer to Committee's Question No. 15. But if the system of receipts for bills is retained, then a register of such receipts must be kept by the Superintendent: frequent reminders sent to non-paying rate-payers, and frequent verifications of receipts made by the Superintendent. Large rate-payers might be

requested to pay bills for large amounts by cheque direct to Assessor.

[In reference to the question of obtaining receipts for bills left with rate-payers, Mr. Brunton says he has submitted a statement marked M appended to the answer to the Committee's question, "What alterations can you suggest to prevent forgery?" see page 59, Q. 14.]

[Mr. Dinshaw E. Wacha hands in the following Memo., which he thinks would suit the purpose equally well :—

*Memo.*

Ward No.
Bill No.
Period for which due.
Taxes due... { General. / Water. / Halalkhore. / Water. / Special Halalkhore. / Vehicles.]

Mr. BRUNTON continues :—

(3) The quarterly audit now made by the Revenue and Refund Officer.

(4) Register of disputed bills to be kept by the Superintendent only.

(5) Superintendents to check all bills in hands of Ward Clerks, with the aid of the Assistant Superintendent, not less than once a month.

(6) Assistant Assessors to check bills for sums over Rs. 100 when they visit the Ward Offices ; the balances in Ward Office ledgers with those in the Head Office ledgers every fortnight ; also the Registers of Disputed Bills and Receipt Registers.

(7) I do not think that the Ward Clerks should post their own collection books. The work could be done by an extra Ward Office clerk under the Assistant Superintendent ; but this would involve an extra expenditure of something like Rs. 280 a month by employing 7 clerks at Rs. 40 each.

(8) I think the above might render such frauds almost, though not altogether, impossible.

5. *Q.—Will you furnish the Committee with a synopsis of the out-door and office work you do in a day, so far as it properly appertains to your post ?*

*A.—Out-door.*—From 7 to 8 a.m. daily at Ward Offices, taking each in turn, checking entries in field inspection,

wheel-tax inspection, and collection books ; checking bills by counting and comparing with check ledgers ; looking over and giving orders on any papers submitted by the Superintendents ; dealing with defaulters.

8 a.m. to 9-30 or 10 a.m., inspecting properties.

*Head Office.*—1 p.m. to 2 p.m. general work, correspondence, applications for Notices and Warrants, &c., &c.

2 p.m. to 3 p.m. Accountants and Assistant Assessors.

3 p.m. to 4 p.m. Refund and $\frac{1}{5}$th Drawback work.

4 to 6 or 6-30 p.m. general work, correspondence, &c.

But when hearing complaints, I do no out-door work except in important complaint cases. Attend office 10 a.m.; 10 to 11 a.m. general work ; 11 to noon Refund and $\frac{1}{5}$th Drawback ; noon to 12-30 p.m. general work ; 12-30 p.m. to 6 or 7 p.m. complaints.

*Q.*—So far as we see, your time is fully occupied. With your time fully occupied, are you able to fully go through your work as instructed in the *Manual* ? *A.*—No.

*Q.*—What is the remedy that you would propose so that your work may be lightened whereby you may have more time to check the work properly ? *A.*—By omitting certain portions of the *Manual.*

*Q.*—What portions ? *A.*—I am preparing a Memorandum No. M. A-7,* which is not quite ready, as I am going very carefully through the *Manual.*

[It was agreed that Mr. Brunton should supply the Committee with a list of the latest bills in dispute in each Ward.]

8. *Q.—What is the number of bills in your Ward which are supposed to be in dispute for water and halalkhore rates and those for other reasons?*

*A.*—This question will be answered by the Superintendent. But I give a return of the total number of disputed bills on hand :—

| | Total. | Commencing from |
|---|---|---|
| A ... ... ... | ... 580 | 1883-84 |
| B ... ... ... | ... 100 | 1876 |
| C ... ... ... | ... 215 | 1883-84 |
| D ... ... ... | ... 292 | 1882 |
| E ... ... ... | ... 134 | 1886 |
| F ... ... ... | ... 201 | 1886 |
| G ... ... ... | ... 219 | |

* *See* Appendix **M. A.-7.**

9. *Q.—Do you keep a daily diary of bills issued and collected? Is there any register to show that disputed bills are entered separately with a view to calling them up from time to time?*

*A.*—The Assistant Superintendents now keep a daily diary of bills issued and the Superintendents a register of disputed bills.

10. *Q.—Does the list of outstanding bills which is submitted to the Auditors contain any remarks against each bill showing the reasons for its payment having stood over? Does it show the date of first presentation of the bill to the payer?*

*A.*—No.

11. *Q.—What suggestion would you make for a more efficient audit of outstandings?*

*A.*—I think the present audit system is sufficient,—I mean the yearly and quarterly audits; if a date from which a bill was outstanding was inserted in the summary presented to the yearly Auditors, it would check slackness in recovery.

*Q.*—But having regard to what has already transpired, don't you think that if a remark was made against a certain bill stating it has stood over for a certain date, that any neglect for want of vigilance might be found out by the Auditors?

*A.*—If the date from which a bill was outstanding was entered in the summaries sent to the yearly Auditors, they would see if there had been any neglect in collecting; that is, they might, if it be part of their duty, make inquiries as to non-payment.

12. *Q.—What are the advantages and disadvantages of the transfer system?*

*A.*—I have answered this in Committee's Question No. 26.

13. *Q.—What are the functions of the Chief Auditor of the Revenue? Is the Revenue Audit Department in a position to efficiently check the collections of the Assessment Department consistently with the other duties of audit connected with the other Departments of the Municipality?*

14. *Since what date is the Chief Auditor of Revenue drawing his salary of Rs. 800?*

*A.*—These questions will be answered by the Revenue and Refund Audit Officer.

15. *Q.—What is your opinion with regard to the Revenue Audit? Ought it not to be properly in the hands*

*of the Department of the Chief Accountant, who is in charge of the audit of all payments?*

*A.*—My opinion is that as neither the Assessor nor Assistant Assessors have the time for auditing in detail the departmental accounts, the appointment of a Revenue Audit Officer was necessary.

*Q.*—Is it not necessary that the responsibility for all accounts, whether of revenue or expenditure, for which the Chief Accountant is responsible, should be placed on him ?

*A.*—I think that this is a question which the Commissioner is better able to answer.

*Q.*—On principle ought not the accounts of a department to be audited by some one disconnected with that department ?

*A.*—I believe that has been already answered by Mr. Virprasad Tapiprasad by saying that the duties of the Chief Accountant are analogous to that of the Accountant-General.

*Q.*—Do you think that the analogy of the work of the Accountant-General should hold good in regard to our Municipality ?

*A.*—I think so ; I think there should be a separate audit for the Assessment Department.

*Q.*—But all accounts should be placed under the head of the Accounts Department, whether revenue or expenditure.

*A.*—But if the Department is not found adequate for all the duty, it must be largely increased at a considerable cost.

16. *Q.*—*Give a list of the clerical staff employed at the Head Office of the Assessment Department with the salary drawn by each of the Clerks and other Assistants.*

*Also a list of the work done by each during the official hours.*

A.—The following is a list of the Clerical Staff at the Head Office with the salary drawn by each person :—

*Clerical Staff.*—Registrar and Accountant, present salary Rs. 225 ; Deputy Accountant, Rs. 125 ; Cashier, Rs. 50 ; Surveyor, Rs. 100 ; A Ward Chief Registration Clerk, Rs. 70 ; Registration Clerk Rs. 45 ; ditto Rs. 40 ; ditto Rs. 35 ; ditto Rs. 30. B Ward Chief Registration Clerk, Rs. 80 ; Registration Clerk Rs. 40 ; ditto Rs. 25 ; ditto Rs. 20 ; ditto Rs. 20 ; ditto Rs. 20. C Ward Chief Registration Clerk, Rs. 55 ; Registration Clerk Rs. 30 ; ditto Rs. 30 ; ditto Rs. 25 ; ditto Rs. 25 ; ditto Rs. 20 ; ditto Rs. 20. D Ward

Chief Registration Clerk, Rs. 70, Registration Clerk Rs. 50 ; ditto Rs. 35; ditto Rs. 35; ditto Rs. 30. E Ward Chief Registration Clerk, Rs. 80; Registration Clerk Rs. 45 ; ditto Rs. 40 ; ditto Rs. 35 ; ditto Rs. 25 ; ditto Rs. 20. F Ward Chief Registration Clerk, Rs. 70; Registration Clerk Rs. 50 ; ditto Rs. 25 ; ditto Rs. 20. G Ward Chief Registration Clerk, Rs. 70; Registration Clerk Rs. 35 ; ditto Rs. 35 ; ditto Rs. 30 ; ditto Rs. 30 ; ditto Rs. 20.

*Correspondence Branch.*—Head Clerk, Rs. 110 ; Record-keeper and Stationery Clerk, Rs. 65; Record Clerk, Rs. 30 ; Clerk, Rs. 50 ; do. Rs. 40 ; do. Rs. 35 ; do. Rs. 30 ; do. Rs. 25 ; do. Rs. 25 ; do. Rs. 20 ; do. Rs. 20.

The following is the work done by each clerk :—

The duties of the Accountant and the Deputy Accountant—

1. To check about 90,000 bills (property taxes, wheel-tax meter hire). 2. To check Tabulated Ward Reports with Form Nos. 11 and 11-B and Special Notices under Section 217. 3. To check increases and decreases of vehicles and animals shown in quarterly return and get bills issued accordingly. 4. To check calculations of one-fifth drawback. 5. To see that Voters' list and Election roll are prepared in time. 6. To see that the fortnightly return of accounts kept in Ward Office is tallied with Head Office ledger (Form No. IX), and to check intimations to be forwarded daily to the Chief Accountant with abstracts of Remittance Reports, and also stamp account and receipts to the Superintendent. 7. To check Refund calculations and certificates. 8. Sees that amounts involving Notice and Warrant fees are correctly charged. 9. Attends to correspondence arising from Refund and Drawback cases, Deposit cases, &c. 10. Prepares quarterly statement to be submitted to the Standing Committee as per its Resolution No. 1270 of 1887-88. 11. To see that all forms kept in the Head Office are properly posted, and closed, and tallied as laid down in the *Manual*, and to prepare statements for annual report. 12. To prepare statements for annual budget, and monthly income and expenditure. 13. To prepare monthly Pay Abstracts of whole Department. 14. Attends to deposit account. 15. Sees that the work of the Registration Branch is done according to the *Manual*, &c.

Duties of the Surveyor—

To take accurate and careful measurements of Mill buildings newly erected, or of the additions and extensions

made to the existing Mill buildings, and to work out therefrom their valuation for assessment purposes.

To keep register of all these measurements.

To take accurate measurements of buildings in cases of disputes, and therefrom to work out comparative valuations. Buildings such as St. Xavier's School, Tata's buildings, the Victoria Terminus, &c.

To find out Ward Nos. of properties from Deeds of Conveyances in cases of transfer.

To make inquiries in cases of doubtful identification of properties.

To ascertain from the Executive Engineer's Office, and give the rates of land in different localities to the Assistant Assessors.

To ascertain the names and residences from the Collector's Office (Land Revenue) of the owners of properties where payments of bills are in dispute.

To ascertain from the Office plans and the Water Works plans, the distances of properties from the nearest Municipal water mains for the purposes of water-taxes.

To prepare sketch-plans of properties when required to do so.

To prepare figures, such as cost of land and buildings, for the assessment of Government properties.

To bring copies of plans showing new Survey Nos and their respective areas from the Collector's Office (Land Revenue), when required by the Assessor and Collector for the assessment of either private or Government properties.

When time permits to mark Ward Nos. on the Revenue Survey sheets of each Ward.

The Chief Registration Clerk to see—

1. That the new Assessment Book is correctly written up and valuations properly transferred. 2. That after valuations are fixed on complaints, general water and halalkhore taxes have been correctly levied and bills issued as required by *Manual*. 3. That wheel-tax is properly charged and bills for water on meter measurement, special halalkhore service and meter hire are correctly issued. 4. That deduction of ⅓th drawback is correctly given as sanc-

tioned by the Commissioner. 5. That proper names are entered in Voters' Lists and Municipal Election Roll. 6 That Remittance Reports daily received are accounted for to proper heads and to check total of them. 7. That refund claims are properly dealt with. 8. That valuations sanctioned in Tabulated Ward Reports are correctly accounted for, and amended bills are issued. 9. That registration clerks in his Ward are doing the duties assigned to them in such a way that the provisions of the *Manual* are complied with, and to answer queries made by the Assistant Assessor and Accountant on different correspondence. 10. That accounts of the past year in all forms kept in the Head Office are properly closed and that summary of outstanding bills in Form No. VIII tallies with summary list of bills shown by the Superintendent as outstanding on his hand at the end of the year and Form No. IX (ledger).

1st Registration Clerk (Senior).—Attends to Refund work, complaints, $\frac{1}{5}$th drawback and assisting Chief Registration Clerk in general duties. 2nd Registration Clerk—Wheel-tax bills, schedules, meter hire bills and bills for water by meter and general duties. 3rd Registration Clerk—Transfer of properties rate-payers ledgers, Voters' List and general duties. 4th Registration Clerk—Collection and Transfer advices and Form No. IX. 5th Registration Clerk—Notices of demand, Warrants of Distress, special Halalcore bills and general duties.

General duties include the following:—1. Copying Form No. I. 2. Copying Form No. III. 3. Copying Form No. IV. 4. Copying Form No. VI. 5 Copying Form No. VII. 6 Transferring valuations in column 7 of the new assessment book and tallying the same with that of column 9 of the previous year's book with the aid of Form 11 and 11-B. 7. Preparing special notices under Sections 162 and 217. 8. Registering general complaints and sending intimations to the complainants. 9. Filling up taxes in Forms Nos. I and III. 10. Preparing bills for the 1st and 2nd halves and amended bills. 11. Entering bills in Form No. VIII. 12. Entering bills in Form No. VI. 13. Totalling and tallying Forms Nos. I, II, III, IV, VI, VIII, XI, XI-A, and XI-B according to *Manual*. 14. Closing of the yearly accounts.

The clerks have been distributed to the Wards according to the work in each Ward as under :—

| Ward. | Properties. | Books to be kept (Volumes). | | | | | | | | | | | Total No. of Volumes. | Bills. | Chief Registration Clerk. | Registration Clerks. | REMARKS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Form I. | Form II. | Form III. | Form IV. | Form V. | Form VI. | Form VII. | Form VIII. | Form IX. | Form X. | Form XI, XIa, XIb XIc. | | | | | |
| A .. | 4,470 | 8 | 1 | 8 | 1 | 1 | 12 | 2 | 8 | 5 | 1 | 4 | 51 | 9,824 | 1 | 4 | |
| B .. | 6,292 | 5 | 1 | 5 | 1 | 2 | 8 | 4 | 7 | 3 | 1 | 4 | 41 | 12,275 | 1 | 5 | |
| C .. | 8,495 | 7 | 2 | 7 | 1 | 2 | 11 | 6 | 9 | 4 | 1 | 4 | 54 | 18,249 | 1 | 6 | |
| D .. | 4,550 | 4 | 1 | 4 | 1 | 2 | 6 | 3 | 5 | 3 | 1 | 4 | 34 | 12,050 | 1 | 4 | |
| E .. | 9,180 | 8 | 2 | 8 | 1 | 2 | 11 | 4 | 6 | 3 | 1 | 4 | 50 | 15,864 | 1 | 5 | |
| F .. | 9,291 | 8 | 1 | 8 | 1 | 1 | 12 | 3 | 4 | 2 | 1 | 4 | 45 | 8,236 | 1 | 3 | |
| G .. | 8,580 | 7 | 1 | 7 | 1 | 1 | 11 | 3 | 5 | 3 | 1 | 4 | 44 | 13,503 | 1 | 5 | |

The Correspondence Branch attends to the very large numbers of letters inward and outward (34,277 + 26,706 = 60,983 for 1889-90), and the work is increasing. During the first seven months of the year a total of 48,437 letters, in and out, has been registered.

*Q.*—Has all the work to your knowledge been strictly performed ?

*A.*—Yes.

*Q.*—Every form under the *Manual*, which is in the Head Office, has been regularly worked up to.

A.—Yes, and tallied every year by myself and the Assistant Assessors as duly laid down in the *Manual*.

[It was agreed that Mr. Dinshaw E. Wacha should, on behalf of the Committee, be shown all the books kept under the *Manual*.]

17. *Q.—What books are kept in each Ward Office, and what is the clerical staff in each, and what pay is drawn? Also a list of the work done by each of the clerks.*

*A.*—1. *Form* 12.—Ward Inspection Register made up from Field Books. *Form* 13.—Tabulated Ward Reports made up from Form 12 and sent to Head Office every fortnight. *Form* 14.—Wheel-tax Inspection Register from Field Books. *Form* 15.—Quarterly, prepared from Form 14. *Form* 16.—Ward Collection Books, Check Ledgers,

Index of Irrecoverable Bills. The above are provided for in the *Manual*. The following are also now kept :—Register of daily issue of Bills to Ward Clerks ; Register of disputed bills ; Register of receipts for bills left with ratepayers.

The Clerical Staff at Ward Offices is as under :—

A Ward.—Assistant Superintendent Rs. 100, Ward Office Clerk Rs. 35. B Ward.—Assistant Superintendent Rs. 110, Ward Office Clerk Rs. 40. C Ward.—No Assistant Superintendent for clerical work. One Ward Office clerk Rs. 40. D Ward.—Assistant Superintendent Rs. 80, Ward Office Clerk Rs. 30. E Ward.—Assistant Superintendent Rs. 80, Ward Office Clerk Rs. 35. F Ward.—No Assistant Superintendent for clerical work. Ward Office Clerk Rs. 30. G Ward.—Same as F.

The work done by the clerical staff of the Ward Offices is—

*Assistant Superintendent*—Keeps daily Register of Bills issued and collected, receives collections of bills paid in Ward Office, receives bills from Head Office or by transfer, and sees that they are duly entered by the Ward Clerks, attends to orders from Head Office as to bills recalled.

*Ward Office Clerk.*—Checks details of Remittance Reports with Collection Books ; checks total of Remittance Reports ; posts up in Collection Books Assessor's receipts for Remittances ; prepares abstracts of Remittance Reports ; keeps Check Ledgers by years ; prepares fortnightly Returns ; prepares tabulated Ward Reports ; Copies Quarterly Returns of vehicles and animals ; keeps inward and outward Register of Correspondence.

*By Mr. Balchandra K. Bhatawadekar.*

*Q.*—In C Ward there is no Assistant Superintendent ; Is that the largest Ward ?

*A.*—No Assistant Superintendent for clerical work. There is an Assistant Superintendent.

*Q.*—On what system were the Assistant Superintendents appointed ?

*A.*—I understand that the question was considered by the Commissioner, but whether the requirements were put before him or not I do not know ; but I see now that C Ward does require an Assistant Superintendent for clerical work.

*Q.*—Why ?

*A.*—C. Ward is divided into 12 sections: the Superintendent has 8 and the Assistant Superintendent 4. An extra Assistant is required for the clerical work.

*Q.*—Then there is an Assistant Superintendent in C Ward?

*A.*—Yes.

*Q.*—What work?

*A.*—For out-door and office work, and no Assistant Superintendent for clerical work. I think that such an Assistant Superintendent for clerical work is necessary.

[It was agreed that Mr. Brunton will furnish the Committee with a statement showing the percentage of the cost of collection of the Assessment Department.]

*By Mr. Dinshaw E. Wacha.*

*Q.*—I see that in the *Annual Reports* of the Commissioner, statements are given of the percentage of the cost of collection at 4·47 for 1883-84 against 3·7 for 1888-89.

*A.*—Yes.

*Q.*—May I inquire upon what data that percentage is calculated, and do the data include Town Duty and Loans?

*A.*—I cannot say. I do not think that the Loans are included. I will make inquiries and let you know at the next meeting.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

9. *Q.—Will you tell the Committee how a continuous Revenue supervision and audit over the Assessment Department is absolutely needed for the proper and punctual collection of Municipal Revenue?*

*A.*—It being found impossible for the present staff in the Assessment and Collection Department to audit the Ward Collection Books as they should be audited, it becomes absolutely necessary for some other agency to be employed, and the Commissioner has decided that the best agency would be that of the Revenue and Refund Audit Department, which has been created accordingly.

16. *Q.—Were not erroneous entries of payments of collections one of the irregularities which made defalcations possible?*

*A.*—I believe this question is answered by Mr. Pearson, or Mr. Virprasad.

17. *Q.—What other irregularities made defalcations possible?*

*Erasures of figures?*
*Wrong Transfers?*
*Forged receipts?*

*A.*—Same answer to Question 16.

18. *Q.—Coming to erroneous entries of payments, was Jamsetji found to have made such entries long before June 1889?*

*A.*—Same answer to Question 16. The defalcations were found out while I was away on leave.

19. *Q.—When was the first wrong entry of payment by Jamsetji first detected?*

*A.*—In November 1887, it was found by the Special Assistant, who was dealing with refund cases on behalf of the Commissioner, that a bill was entered in the Refund Register ($\frac{1}{1}\frac{6}{8}\frac{1}{5\text{-}6}$) as paid on 12th February 1886, whereas the date of receipt of the bill was 10th January 1886.

Enquiries were made, the result being that the Commissioner was satisfied that the bill had been paid in January, and Jamsetji was fined ten rupees and warned for retaining Municipal money for more than a month.

20. *Q.—Who detected it?*

*A.*—The Special Assistant to the Commissioner.

21. *Q.—Was any notice taken of this irregularity when it was first detected?*

*A.*—Yes, immediate enquiries were made. See answer to Question 19.

22. *Q.—By whom was it taken?*

*A.*—By the Assessor, who caused enquiries to be made on receiving the report from the Commissioner.

23. *Q.—How was Jamsetji punished for the first detection?*

*A.*—He was fined ten rupees and warned.

*By Mr. Dinshaw E. Wacha.*

*Q.*—Do you think that the fine of Rs. 10 was sufficient?

*A.*—Yes.

*Q.*—Do you think that it was not of such a character as to justify the dismissal of the clerk?

*A.*—Not at the time.

*Q.*—How is it that the Special Assistant detected it and not the Assessment Department ?

*A.*—An entry of the payment of the bill was made in the Refund Register and the bill with date of payment was produced before the Special Assistant. I think there was some slackness in the Head Office in not detecting the difference of dates.

*By Mr. Bhalchandra K. Bhatawadekar.*

24. *Q.*—In your opinion, could the department be more satisfactorily worked if the power of the head of it had more authority to punish his subordinates ?

*A.*—There is no limit to the power of punishing a subordinate, short of dismissing him.

*Q.*—From your answers it appeared that you had to report some of the men who were in fault, instead of dealing with them yourself?

*A.*—In these instances the offences were grave. A large number of bills had been retained in the hands of the Ward Clerk, and when this came to my knowledge, I at once reported the matter to the Commissioner.

25. *Q.—Who was the Superintendent of A Ward then ?*

*A.*—Mr. Kasinath Narayan from 10-10-87 to 9-1-88. Mr. Pearson from 10-1-88 to 31-1-88. Mr. Byramjee D. Banaji from 1-2-88 to 30-4-88. Mr. Pearson from 1-5-88 to 31-3-89.

26. *Q.—Did Mr. Brunton communicate his opinion of Jamsetji to him ?*

*A.*—Most probably. The Commissioner's decision was forwarded to each Superintendent for communication to their Ward Clerks (Order No. 6 of 9th April 1888).

27.—*Who succeeded Yeshwant Sazba as Superintendent?*

*A.*—Mr. Pearson on 11-4-86.

*Mr. Dinshaw E. Wacha.*—We cannot blame Mr. Brunton for want of severity in the discharge of his duties, though of course we cannot but regret that some particular cases were not dealt with more severely.

*Chairman.*—It is pretty generally known, I think, that the power exercised by the heads of Departments in this Municipality, over the subordinates, is, as a rule, exercised without severity.

*By Mr. Balchandra K. Bhatawadekar.*

*Q.*—By enhancing punishments cannot the departments be worked better ?

*A.*—Departments in serious cases look to the Commissioner to inflict punishments.

28. *Q.—Did Mr. Brunton communicate his opinion of Jamsetji to Mr. Pearson ?*

*A.*—In all probability ; yes.

29. *Q.—You have stated the various irregularities which made defalcation possible, whose business was it to notice these irregularities ?*

*A.*—This question has been answered by Mr. Virprasad.

30. *Q.—Was it not also the business of the Assistant Assessor and Assessor to notice them ?*

*A.*—See answer to Question No. 29.

31. *Q.—Did any of the Superintendents of A Ward bring them to the notice of the Assessor?*

*A.*—The Assistant Assessor drew the Superintendent's attention to the unsatisfactory state of the balances in A Ward. This primarily led to the detection of Jamsetji's irregularities as detailed by the Commissioner in his Defalcation Report.

32. *Q.—Did the Assessor ever notice them and report to the Commissioner ?*

*A.*—I have frequently reported irregularities to the Commissioner. See answer to Question No. 41 (*1*).

39. *Q.—Who was the Superintendent of A Ward at the time ?*

*A.*—I am not sure to what time this refers.

40. Q.—*The Superintendents have complained that they had much out-door and correspondence work to do. Is that a valid ground in your opinion for failing to do the duty of properly accounting for the collections received or to see that the duty of properly accounting for it was done ?*

*A.*—The Superintendents having too much work to do, could not carry out all the requirements of the *Manual.* And this, in my opinion, is some excuse for failure of duty in some of its details, and specially in the items of issue and receipt of bills and scrutiny of Collection Books. It was unfortunate that the late Superintendents of A Ward, Mr. R. A. Coyaji and Mr. Bal Nilajee, were appointed. The former was better suited, I believe, for his present

duties in the Refund Office to which he was retransferred, partly, I suppose, on my representation to the Commissioner; the latter was only appointed in April last, and as I went on leave in June, my opportunities of judging him had been few. These opportunities inclined me to the opinion that he would not do for A Ward.

*Q.—In respect of this duty of properly accounting for the collections received by the Ward Office, does not every Ward Clerk, Ward Superintendent, and Assistant Assessor incur pecuniary responsibility by any laxity, neglect or indifference shown by him, and which laxity, neglect or indifference entails a pecuniary loss on the Municipality according to Section 12 of the remarks on Form 16?*

*A.*—I think that gross and wilful neglect of duty, entailing undue loss on the Municipality, *might* render the defaulter responsible, if the Commissioner, after careful enquiry, considered that the loss should be made good.

41 (*1*). *Q.—Is it not the duty of the Assessor to report any departure from the Standing Orders regarding the collection of the bills?*

*A.*—I think it is the duty of the Assessor to report all grave departures from these orders, and I have done so.

In 1885 I reported a Ward Clerk of B for concealing the truth in reference to a bill. He was fined Rs. 5.

And in the same year the same Ward Clerk was suspended for irregularities.

In 1885 a Ward Clerk lost a packet of 150 bills. The Superintendent explained that the Ward Clerk held so many bills, because I was pressing for large collections, which was quite true. The bills were all found. I reported the case to the Commissioner. The papers were ordered to be filed.

In 1886 I found 292 bills in the possession of a Ward Clerk of C. I reported the Superintendent to the Commissioner, who cautioned him.

In 1886 I reported a Ward Clerk for returning bills as irrecoverable, which were afterwards paid. The Ward Clerk was fined.

In 1887 I reported to the Commissioner that all the bills of B Ward were in the hands of the Ward Clerks, the excuse being that the safe was out of order. The Superintendent was warned that if he was not more careful, additional security would be required of him.

In June 1888 a Ward Clerk's pay was reduced by the Commissioner on a report of false entries in Field Book.

Less grave cases I have decided departmentally.

42. *Q.—Is not the Assessor responsible according to the Manual for the Assessment of all properties in the city and for the collection of property rates and wheel-tax?*

*A.*—He is responsible so far as it is possible for one man to perform the duties required of him.

43. *Q.—Were the irregularities which you have pointed out reported on by the Superintendents of Ward A from time to time?*

*A.*—The first report was made by the Superintendent in August last. The Superintendent's attention had been called by the Assistant Assessor to the large balances in the Ward.

44. *Q.—Were they reported on by the Assessor to the Commissioner?*

*A.*—Yes, I am referring to Jamsetji's defalcations.

45. *Q.—If none of these officers made any such Report did they not fail in their duty?*

*A.*—Any officer would fail in his duty if he did not report irregularities which came to his notice.

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BOMBAY, 23*rd December* 1890.

The Chairman read memorandum No. 20637, dated 21st instant, from the Commissioner, submitting letter No. 20465, dated 19th idem, from the Assessor and Collector, as under :—

TO THE MUNICIPAL COMMISSIONER.

SIR,—I have the honour to bring to your notice the necessity for the early appointment of Assistant Superintendents for C, F and G Wards.

The impossibility of a Ward Superintendent performing his numerous in-door and out-door duties without help has been pointed out by the Commissioner in his Defalcation Report, and four Assistants, A, B, D, and E, have been appointed.

But the necessity, which required the appointments in these wards, exists also in C, F and G Wards, where the number of bills is as under, and where, especially in C, the out-door work is exceptionally heavy, owing to the large number of properties and their great size.

It is true that since 1885 there has been in C Ward an Assistant Superintendent on Rs. 100 a month, but practically this officer is in charge of Sub-Ward IV (consisting of 4 Sections with 4 Ward Clerks) for both out-door and in-door duty, so that Sub-Ward IV of C is really a small Ward in itself, the Superintendent of the Ward having 8 Ward Clerks and 8 Sections to look after.

In F and G the number of bills is very large, though mostly for small amounts; but whatever the amount, the same careful scrutiny is required as in larger bills. For 2 months in the year (middle of January to March) the Superintendents have to be at the Head Office at the hearing of complaints, and during their absence some one should have charge of the Wards, especially for the office work. Hitherto, a Ward Clerk looked after the Wards, but this is not satisfactory.

I beg to propose, therefore, the appointment of—

| | | | | |
|---|---|---|---|---|
| 1 | Asst. Supt. | for C..... | Rs. 100 | per mensem. |
| 1 | Do. | for F..... | „ 80 | „ |
| 1 | Do. | for G..... | „ 80 | „ |
| | | | 260 | |
| | | | 12 | |
| | | | Rs. 3,120 | per annum. |

The following are the Ward statistics as regards properties, bills, Ward Clerks :—

| Wards. | Properties. | Bills, exclusive of Transfers. | Ward Clerks. | Assistant Superintendents. |
|---|---|---|---|---|
| A | 4411 | 9,683 | 7 | One now employed at Rs. 100 p. m. |
| B | 6271 | 12,335 | 9 | Do. do. „ 110 „ |
| C | Sub-ward 1, III 6121 | 16,585 | 8 | One proposed at „ 100 „ |
| | Do. 2, IV 2359 | 6,008 | 4 | |
| D | 4480 | 12,017 | 7 | One now employed at „ 80 „ |
| E | 9133 | 16,004 | 9 | Do. do. „ 80 „ |
| F | 9230 | 8,286 | 5 | One proposed at „ 80 „ |
| G | 8420 | 13,633 | 5 | Do. do. „ 80 „ |

I have, &c.,
R. P. BRUNTON,
*Assessor & Collector.*

In reference to this letter, the Chairman expressed the opinion that the application should have formed part of that made to the Corporation on the 10th November last, in accordance with which they sanctioned the employment of additional hands at Rs. 600 per mensem. For the present, at any rate, the duty of the Committee was to proceed with the examination of the witnesses.

The evidence of the Assessor and Collector was then resumed, and the following answers to questions were recorded :—

*Examination of Mr. R. P. Brunton continued.*

Questions approved by the Committee at its meeting of the 10th November 1890.

*A.* 1. *Hours of attendance* :—*Assessor*, 6-30 a.m. to 10 a.m. Ward Offices and Wards ; 1 p.m. to 6 or 6-30 p.m. and often much later, Head Office ; whenever possible, I visit Ward Offices in the afternoon. *A.*—These hours vary according to amount of out-door work required. *Assistant Assessors* : *A.*—Same as Assessor. *Superintendents* : *A.*—6-30 a.m. to 10-30 a.m. Ward Offices and Inspection ; 2 p.m. to 6-30 p.m. Ward Offices. These hours vary according to amount of out-door work required. *Ward Clerks* : *A.*—6-30 a.m. to 10-30 a.m. Wards ; 2 p.m. to 6-30 p.m. Ward Offices. These hours very according to amount of out-door work required. *Assistant Superintendents.* *A.*—10 a.m. to 6-30 p.m. Ward Offices.

2. *System of check in Head Office.*

*A.* (1) All bills are debited to the Wards in the ledgers, Form 9, which is a constant index of the collection work in each Superintendent's charge.

(2) Transfers are made on Form 9-A. When the Ward Superintendent, to whom the bills have been transferred, certifies their receipt, he returns the certificate to the transferring Superintendent, who posts up his collection book and sends the Form 9-A to Head Office, where the details are checked and posted in Form No. 8 of the Wards transferring and receiving, and also posted in the Ward ledgers. Transfer papers are filed in Office.

3. *Collected Bills.*—The amounts are forwarded to Head Office with Form 9-B and an abstract of same. The Accountant receives the form, dates and initials it. A Registration Clerk checks, and totals the form and abstract. The Shroff sees that the totals of the abstracts agree with the cash received therewith. Cash is paid to the Chief Accountant's Shroff by Departmental Shroff with a memo. of the amount from each Ward. Registration Clerk posts details of each bill from Form 9-B to the columns of Form 8, after comparing the details in each form. Prepares receipt

in Form 23 for Ward Superintendent. Posts columns of Form 9. At end of every fortnight a Return of Bills issued and collected is sent in from Wards. This is tallied with Form 9 by the Chief Registration Clerk, and another clerk, then by the Accountant or the Assistant Accountant.

4. *Amended and cancelled bills* are returned to Head Office with the memo. (Form 112-A) recalling them. They are examined with Form 8 and posted in the columns of that form, are endorsed "cancelled or amended," initialled by the Assessor, and filed.

*By Dr. Rastamji N. Khory.*

*Q.*—Who prepares these forms? *A.*—All the forms that I am speaking of here are the forms prescribed in the *Manual*. *Q.*—What I wish to know is, who prepares these forms in the Ward Office and transmits them to the Head Office to amend and cancel the bills? Is it the Ward Clerk or the Superintendent? *A.*—They are all returned to the Head Office under the signature of the Superintendent; they are re-called from the Ward Offices under my signature, and they are returned to my office by the Superintendents under their signatures.

*Examination continued.*

At end of each year Superintendent sends summary of outstanding bills (p. 151); this is checked by the Registration Clerks with the summary of Form 8 (p. 77) and also with the balances in Form 9.

The Ward Superintendent's summaries and the bills in the hands of each Ward are checked yearly by the Auditors. If, between the end of the financial year and the date of audit, any bills are paid, the Accountants enter the fact of such payments in the remark column of the summary.

(2*b*) *System of Check in Ward Offices.*—The entries in check ledgers (see form attached) are compared with the number of bills on hand by the Superintendents, the Assistant Assessors, and occasionally by the Assessor.

A fortnightly return is sent in with a certificate in this form:—"I do hereby certify that the balances to the debit "of this ward in this return agree with the actual bills in "the hands of the Ward Clerks. ——— Superintendent."

[NOTE.—The Committee are of opinion that the words used in this certificate should be the actual numbers of bills and their amounts.]

*Examination continued.*

The entries in Form 16 are checked with the field books, and Form 16 is examined to see that the columns are properly and systematically filled up. When the Assistant Assessors had three Wards each to look after, this checking of Form 16 was done hastily, as they had other forms, (12) Inspection Book, (14) Wheel Tax Register, and (15) Quarterly Return to examine.

3. *Receipt and distribution of Bills, Time, and manner of Despatch.—A.* The bills are prepared in Head Office through Forms 1, 3, 4, 6 and 8, and after being entered in Form 9 are sent to the Wards with Form 9-A.

Ward Superintendent checks Form 9-A with numbers of bills sent and their amount. If correct, signs and returns the form to Head Office.

Superintendent distributes the bills to the Ward Clerks, who enter them in their collection books. At night, the bills are locked up in the cupboards of which the Superintendents retain the keys.

The bills are sent out from Head Office as under :— *Half-yearly Property Taxes*—1st April and 1st October ; *Quarterly Wheel Tax*—20th April, 20th July, 20th October, and 20th January ; *Special Halalkhore service*—Monthly, on receipt of returns from Health Officer ; *Water by Meter*—Quarterly or monthly on returns from Executive Engineer (W. W.) ; *Amended bills*—As required ; *Water Meter Hire bills*—Yearly.

4. *Q.—To whom are bills sent? A.*—To Ward Superintendents.

5. *Number of Bills.*—In 1889-90 the following bills were issued :—

| Ward. | Property Taxes. | Wheel Tax Bills. | Water Tax by meter. | Special Halalkor Bills. | Amended Bills. | Total No of bills issued. | Meter Hire Bills | Bills for former years. | Grand Total. |
|---|---|---|---|---|---|---|---|---|---|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| A | 4,437 | 2,013 | 1,215 | 749 | 910 | 9,324 | 299 | 60 | |
| B | 8,595 | 1,860 | 302 | 74 | 1,433 | 12,264 | 60 | 11 | |
| C | 13,142 | 2,509 | 360 | 63 | 2,168 | 18,232 | 88 | 17 | |
| D | 7,406 | 2,420 | 422 | 136 | 1,525 | 11,909 | 62 | 46 | |
| E | 10,433 | 1,211 | 710 | 518 | 2,937 | 15,809 | 139 | 56 | |
| F | 5,433 | 624 | 446 | 156 | 1,570 | 8,229 | 50 | 7 | |
| G | 9,021 | 462 | 1,168 | 241 | 2,574 | 13,466 | 130 | 87 | |
| Total... | 58,467 | 11,099 | 4,613 | 1,937 | 13,117 | 89,233 | 828 | 234 | 90,295 |

*Q.*—Are these bills in charge of the Superintendents or Ward Clerks?

*A.*—In the Superintendents' charge.

6. *Number of persons served with bills.*—24,470 for property taxes; 2,766 for wheel tax; 401 for water meter hire.

*By the Chairman.*

*Q.*—Does this mean the number of persons? *A.*—Yes.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—The number of properties may exceed this? *A.*—Yes.

*Q.*—Then you refer to persons only? *A.*—Yes.

*Examination Continued.*

6*a*. *System of Head Office.* *A.*—See answer to question 2.

7. *Ledger entries.* A.—See answers to questions 2 and 3.

8. *Copies of Ledger entries sent with bills to Ward Superintendents.* A—See answer to question 3.

9. *Ward Superintendent's responsibilities.* *A.—As to Bills and Moneys* :—(1) Receives all bills from Head Office. Sees that they tally in number and amount with the advice note (9-A), that they are duly entered in each collection book (see question 3). When correct, signs advice note (Form 9-A) and returns it to Head Office. Signs each batch of bills entered in collection book. (2) Sees that the process of collection is carried out as promptly as possible by examination of Form 16, as often as possible. (3) When bills are not paid, sees that steps are taken for recovery by notice and warrant. Where bills are disputed, sees that recovery is stayed for sufficient reasons, reporting all such cases to Head Office. (4) Receives daily collections and remittance report from Ward Clerks, checks same, signs remittance report, and sends it with cash to Head Office. Sees that receipts from Head Office are posted in column 25 of Form 16. (5) Enquires into Ward Clerk's reports on irrecoverable bills. Submits returns of such bills to office. (6) Submits the fortnightly returns which are made up from the check ledgers (see question 2*b*) and certifies as to the correctness of the balances. (7) Sees that transfers are made as prescribed in pp. 155-6 of *Manual*.

10. *He furnishes receipts to Head Office.* *A.*—See answer 9 (1).

11. *System of Collection by Ward Clerks.*—Receives bills from Superintendent and enters them in his collection

book. Presents bills to tax-payers. When bills paid, takes cash to Ward Office and hands it to Superintendent with remittance report [question 9 (4).] When bills not paid, takes proceedings for recovery by notice and warrants. Enters details of above work in field books and in collection book.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—Do they return the bills to the Superintendents at persent ?

*A.*—They do. There are two cupboards,—an inner one and an outer one,—and there are two keys, one is kept by the Superintendents and the other by the Ward Clerks.

*Q.*—Where were the bills kept ?

*A.*—Bills were ordered to be kept in the inner cupboard.

*By the Chairman.*

*Q.*—Were they kept there ?

*A.*—To the best of my knowledge, yes.

*By Mr. Viegas.*

*Q.*—Are you quite sure that the key of the cupboard was always with the Superintendents, or was it ever handed to the Ward Clerks ?

*A.*—It was contrary to orders to do so.

*Q.*—Did it ever occur, or was it ever brought to your notice that the Ward Superintendents handed the keys to the Ward Clerks to take out the bills ?

*A.*—No such case was ever brought to my notice.

*Q.*—Do you think that one month is a long time to keep the bills without scrutiny ?

*A.*—In mill cases where there is a dispute about the water consumed, it takes a long time to settle the disputes.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—How many months ?

*A.*—About 3 or 4 months.

*Q.*—Does not the alleged retention of the bills in the hands of the mill-owners, say, for 6 or 8 months, give rise to suspicion, so as to suggest to the Superintendents to enquire whether they have been paid or not ?

*A.*—It does not appear that this has been so.

*By Mr. Viegas.*

*Q.*—After the expiry of a certain period should not the bills be demanded or notice of demand served? *A.*—Yes.

*The Chairman.*—I can quite understand it; the Assessor does not wish to take out a warrant promptly against a mill-owner, but in the case of a small property holder it might be necessary to do so, because there might be a fear of his running away.

*Mr. Viegas.*—After fixing a reasonable time during which the bills can be scrutinised by the mill-owner, what would be the best course to adopt with a view to seeing that the bills which ought to have been returned are so returned? *A.*—A letter is sent to the mill-owner or to the rate-payer requesting payment, and if that letter is not answered, further steps are taken.

*Q.*—What are these further steps?

*A.*—Another reminder is sent, and the Superintendent verifies in many cases the fact of bills having been left with mill-owners or rate-payers by personal inquiry.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—But it was not done in the case of Sir Dinshaw M. Petit? *A.*—No. It was not done.

*Q.*—Is it impracticable to fix a time?

*A.*—I think three months is sufficient. In cases of water consumed, a reference has to be made to the Water Works Department, and the Inspector of that Department has to go and see the Manager and then a deal of correspondence takes place; but I think three months are sufficient.

*By Mr. Viegas.*

*Q.*—Then after the three months, payments ought to be made compulsory?

*A.*—If the Municipality was certain that the bill is not disputed on account of the water consumed, three months, no doubt, would be a reasonable time, but there might be disputed cases which would take a longer time.

12. *Q.—To whom do the Ward Clerks account for bills taken out?*

*A.*—(*a*) To the Superintendent, who is responsible for the correctness of the Ward Clerk's balances. The Superintendent should examine each man's balances as frequently as possible, certainly not less frequently than every fortnight when the return and certificate are sent in.

(*b*) To the Assistant Assessors on their visits to Ward Offices, but the numbers of bills only are counted for want of time.

(*c*) To the Assessor occasionally by numbers only, except on some occasions, when I have checked a small number of bills in the possession of each Ward Clerk both by numbers and amounts.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

In connection with the checking of bills in the hands of the Ward Clerks, are the numbers as well as the amounts of each bill checked ?

*The Chairman.*—There are two questions involved in this : (1) about tracing the bills from the time the clerk receives them, whether they are left with the rate-payers unpaid or what becomes of them ; and (2) whether in checking the bills the number as well as the amounts are examined.

*By Dr. R. N. Khory.*

*Q.*—Does not the *Manual* require the Assistant Assessors to look to the number of bills and the returns ?

*A.*—Yes.

*Examination continued.*

13. *Does the Ward Clerk give this account every day as directed in the Manual ?*

*A.*—No. I found that it was impracticable for Superintendents to issue a certain number of bills daily to the Ward Clerks and take a daily account of those bills. The Superintendents simply never had the time to do so. But by repeated orders I called the Superintendents' attention to this part of the *Manual*, and warned them of the consequences of entrusting large numbers of bills to Ward Clerks. On more than one occasion I reported to the Commissioner cases where I had found Ward Clerks in possession of large numbers of bills. In November 1886, the Commissioner in dealing with one of these cases says, " The number of bills to be taken out by the Ward Clerk " must vary with the peculiar circumstances of each case, " and cannot conveniently be fixed once for all, the Super- " intendent being expected to regulate it with care and " discretion." Commissioner's No. 10399, dated 11th November 1886. A copy of the Commissioner's order was circulated to the Superintendents.

If each Ward Clerk were given 15 to 20 bills a day, and we had to take a daily account of these bills, the work could not be got through. I have ordered the Superintendents not to give large numbers of bills to the Ward Clerks,

but except in flagrant cases of the disregard of these orders, I have had to excuse them, as I knew that that part of the working of the *Manual* was impracticable.

*By Mr. Viegas.*

*Q.*—Do the Superintendents look to the number and amounts of each bill or to the number only?

*A.*—They usually look to the number.

*Examination continued.*

The collections would have been hampered; the rate-payers harassed by a single presentation only, as required by the *Manual* (para. 4, page 152), and most of the other duties required from the Superintendents would have been neglected. When the defalcations were found out, the Commissioner ordered that the Superintendents should strictly carry out this requirement of the *Manual*. The order was, of course, obeyed, but other duties (examination of books, attending to correspondence, &c.,) were not performed. The Assistant Superintendents now issue and take account of bills daily. The Commissioner in his Defalcation Report, p. 4, says, "there were very strong reasons in favor of it," (that is, the non-compliance with this part of the *Manual*) or rather rendering it inevitable, and this is perfectly correct. (There are several other details of the *Manual* which cannot be attended to. These I have referred to in attached Memo. A-7.) In the Budget of 1885-86 I pointed out that the Assistant Assessors were not able to perform the full duties as required by the *Manual*, though they worked early and late. I said I wish the Commissioner could find the time to go through the *Manual* with the Assessor and others and concede some small alterations in our way of work.

I had asked for a 3rd Assistant Assessor so far back as the budget for 1884-85. But the Commissioner did not enter the item in his budget. In the budget for the following year, I said I had not entered an extra Assistant Assessor, because I knew the Commissioner, from what he has told me, is averse to sanctioning the appointment.

It is however a fact, and the Commissioner at page 18 of his Defalcation Report states that it was the action of the Assistant Assessor (whose duties had been lessened by the appointment of a *third* Assistant) which primarily led to the discoveries of the defalcations.

14. *Q.—Bills left for scrutiny by payee?*

*A.*— The receipts for bills left for examination with large tax-payers are kept with the bills, and are accounted for as bills when the balances are examined and audited.

*By Mr. Viegas.*

*Q.*—Do these receipts show the amounts ? *A.*—Yes.

*Examination continued.*

15. *Q.—What alterations can you suggest to prevent forgery ?*

*A.*—Abolish the custom of leaving bills with tax-payers; substitute a numbered memo. to be signed by the Ward Superintendent, countersigned by the Assessor, stating so many bills due ; detail bill numbers, amounts, periods, and for what tax due. I think this is all the information that a large tax-payer would require for verification. The memo. to be in attached form marked M.

16. *Q.—What alteration can you suggest for simplifying and improving the system of checks, bill collections, &c. ?*

*A.*—I have answered this under Mr. Vacha's question No. 4.

17. *Q.—How can the work be more speedily and more accurately done?*

*A.*—See answer to question 16.

18. *Q.—Have the rules of the Manual as regards the responsibilities of Superintendents been complied with?*

*A.*—As regards the daily issue and receipt of bills please see my answer to question No. 13.

For the other duties which the Superintendents have not been able to perform, please see attached memo. A-7.

19. *Q.—Since when have they been neglected ?*

*A.*—Please see answers to questions 13 and 18.

20. *Q.—Why cannot they be carried out?*

*A.*—Please see attached memo. A-7.

21. *Q.—Have you represented this difficulty ?*

*A.*—Yes. I made a note of those portions of the *Manual* which I thought should be altered, and would have submitted it had the Commissioner been able to go through the *Manual* according to the wish expressed by me in the budget of 1885-86.

I think it right to state that when the new organization commenced to work, we had an enormous number of bills to recover. There had been great delay in the issue of bills

from Head Office. Those which should have been issued on 1st January 1882 were only commenced to be issued in April, and were finished in July, or seven months after they should have been issued. Then the second half bills were commenced in August and were not finished until December. The total demand for that year was Rs. 16,96,482. The new staff began work in December 1882, and January 1883; and we had to issue bills for the 1st quarter of 1883. These amounted to Rs. 3,41,045, and as the outstandings for former years were large and collections pressed for, to have insisted on the daily issue of only a certain number of bills to Ward Clerks would have seriously affected the revenue. In the face of the constant cry for money for the Municipal treasury, I took the best course I could, and insisted on large collections. The result being that the outstandings were reduced to satisfactory limits. The chief object in the departmental work, after increase of revenue, has been its early collection.

22. *Q.—The key of the cupboard and duplicate key in possession of both Superintendent and Ward Clerk? A.*—The cupboards are divided into compartments representing each Ward section; to each compartment are two keys, one held by Superintendent and one by each Ward Clerk. But the key of the door of the cupboard is held by the Superintendent only.

23. *Q.—If each bill that is left for scrutiny is acknowledged by the receipt of the person on whom it is served and his signature attested by witnesses, would that prevent forgery?*

*A.*—I do not think so. The witness' signature might be forged also. See answer to question 15.

24. *Q.—When bills are transferred from one Ward to another, are the receipts taken for bills left for scrutiny, not dated? A.*—The receipts are not always dated. See question 15.

*Q.*—When a bill is transferred from one Ward to another, do you insist on this fact being tested by the Ward Superintendents? *A.*—The Ward Superintendent signs the paper transferring the bill. *Q.*—Is that paper countersigned by the Assessor as in other cases? *A.*—No. *Q.*—Then

it is left entirely to the Ward Superintendents? *A.*—Yes, the transfers are made in the Ward Office; they do not come to the Head Office, except when the receipt is sent to the Head Office by the officer receiving the bill. *Q.*—Do you think that the signature of the Superintendent is a safe guarantee for any misrepresentation by the Ward Clerk? *A.*—Yes.

*Examination continued.*

25. *Q.—How long are bills allowed to remain for scrutiny?*

*A.*—Usually about a month, but often for a considerable time in disputed cases; if the bills are asked for again, it often happens that parties decline to return them. Bills against Government for water and halalkhore service are sometimes kept for three or four months.

26. *Q.—What would you suggest in place of the transfer of bills from one Ward to another?*

*A.*—I can make no suggestion, as I consider that the present system of transfer should continue.

The disadvantages urged against the system are—

(*a*) the amount of clerical work it entails;

(*b*) the possibility of a Ward Clerk falsifying the transfer columns (28 and 29) of his collection book.

But I consider that the advantages far outweigh the disadvantages, and that the system should be maintained for these reasons:—

As regards (*a*) I think that the staff both in the Ward and Head Offices is sufficient for the work.

And as regards (*b*) that the Superintendents and Assistant Superintendents should now be able to check the entries of transfers and especially of those for large amounts.

But the great advantage of the system is this:

It is most desirable that Ward Clerks should leave their sections as little as possible, so that they may possess a most intimate knowledge of every property and tax-payer in those sections.

Every change in the size, description, ownership and valuation of properties, every alteration in the occupancy of a stable should be known to the Ward Clerk, who should be constantly in the section when not at the Ward Office, or off duty. If he be required to go from one end of the city

to the other, he would, I think, have a fair excuse for neglecting some parts of his duty. Nearly half the Ward Clerks draw salaries of less than Rs. 40 per mensem, and cannot afford conveyance expenses. To travel any great distance they would have to go on foot ; this would cause loss of time and physical energy, and, as I have said, the clerk would have fair excuse for omission of duty. I would urge the retention of the transfer system.

27. *Q.—These transfers increase clerical labour and increase risk of fraud?*

*A.*—See answers to question 26.

28. *Q.—How often does a Superintendent go out in the afternoon to out-door duty, such as to investigate a disputed bill or a disputed valuation?*

*A.*—Occasionally only. His out-door work is usually done in the morning, his Ward Office work in the afternoon.

29. *Q.—How is the fortnightly summary applied, why is it not applied for the early detection of frauds?*

*A.*—(1) It is applied to the checking of the balances to the debit of each Ward by tallying the entries with those in the ledgers in Head Office. It contains the totals (numbers and amounts) of bills issued, transferred, collected, recalled and remaining on hand during the fortnight.

(2) I do not know how the fortnightly return could be applied to the detection of fraud by any particular Ward Clerk who would produce forged receipts for bills as the bills themselves. All discrepancies in the *totals* of this return with those of the Head Office ledgers are at once detected. The checking of the bills passing through the hands of each Ward Clerk is done in the Ward Offices.

See answer to question 12.

30. *Q—Now that the Department has worked the provisions of the new Act for two years, is the work not easier for every body?*

*A.*—The present Act became law on the 14th September 1888, the departmental work is certainly not easier since then, but the staff can do the work better, being more accustomed to it.

31. *Q.—The Revenue Audit Office is responsible for making a quarterly Audit of the books of every Ward Office. Is the Audit made?*

*A.*—I believe it was made in October last.

32. *Q.—Additional Staff for this Office.*

*A.*—Please refer to Revenue and Audit Officer for answer.

*Q.*—New Assistant Superintendents, where are they working?

*A.*—In A, B, D and E Wards.

33. *Q.—The salaries of all the Ward Clerks.*

*A.*—2 on 75 per mensem; 2 on 70 per mensem; 4 on 60 per mensem; 6 on 50 per mensem; 14 on 40 per mensem; 19 on 35 per mensem; 7 on 30 per mensem; total 54.

*By the Chairman.*

*Q.*—Do you think that a man who has had 10 years' experience in a department will have much greater facilities in the performance of his duties than one who has been employed but recently?

*A.*—Yes.

*By Mr. Vicgas.*

*Q.*—On what principle do you assess the properties?

*A.*—On the ascertained rents. *Q.*—Then a classification is not necessary? *A.*—I think it is very desirable that properties should be classified. The *Manual* requires that the Assessor should devote a certain portion of his time to study the law of classification. *Q.*—Is that done? *A.*—No. Q.—Why not? *A.*—Because the Assessor has no time for such study.

*Examination continued.*

34. *Q.—All Superintendents to have conveyance Allowances?*

*A.*—The present salaries and allowances are as under:—

| Wards. | Monthly Salary. | Monthly Allowance. | Total. |
|---|---|---|---|
| A | 200 | Nil. | 200 |
| B | 150 | Nil. | 150 |
| C | 175 | Nil. | 175 |
| D | 150 | 30 | 180 |
| E | 250 | 30 | 280 |
| F | 175 | 30 | 205 |
| G | 200 | 30 | 230 |

I think it desirable, for the reasons set forth in para. 15, page 22 of Commissioner's Defalcation Report, that each Superintendent should receive a conveyance allowance.

The quicker a Superintendent can get about his Ward the better for the service.

35. *Q.—Who are the officers that have replaced Mr. Koyaji and Mr. Bal Nilaji?* *A.*—Mr. Atmaram Motiram joined service 27th February 1868; Deputy Accountant, Assessment Department, 11th December 1882, Superintendent C, 1st November 1885, Rs. 175 to 200 per mensem, 1st April 1889. To A Ward 21st July 1890, Rs. 200.

Mr. Purshotam Pandurang Vagh, Superintendent F Ward, 1st April 1890, Rs. 150 + 30 (travelling allowance), Rs. 175 × 30 on 25th September 1890. To C Ward Rs. 175, 1st October 1890.

*By Mr. Fazulbhoy Visram.*

1. *Q.*—Do you think that the system of taking receipts from the rate-payers for bills left with them by the Municipal Clerks can be done away with altogether, or in favor of the slips proposed by the Hon'ble Mr. Javerilal?

*A.*—See answer to Committee's question No. 15.

2. *Q.*—Are you aware that in some cases, at least, the rate-payers do not take back their receipts *after* they have paid the bills for Municipal rates and taxes? This would, of course, enable the collecting clerks, if so disposed, to pocket the amounts of bills and represent them as remaining unpaid on the strength of the unreturned receipts in their possession.

*A.*—Yes, in some cases the receipts for bills are not taken back by the rate-payers when the bills are paid.

3. *Q.*—Do you consider whether a system can be organised under which the bills issued to the collecting clerks can be systematically seen, say, two or three times a week by their superior officers, so that the number of bills with their respective amounts collected may be ascertained by the latter.

*A.*—An account is now kept daily of all bills issued and collected. This is done only since the appointment of the Assistant Superintendents in November last.

*By Mr. Bhalchandra K. Bhatawadekar.*

1. *Q.—Has Land Register been kept?*

*A.*—The register was prepared in the Engineer's Office, but has not been kept up, I believe, for want of Surveyors or Clerks to do so.

2. *Q.—Do you believe that as required by the Manual the inspection (a) of properties in a Ward is completed by a Ward Superintendent within a year?*

(*b*) *Of Stables in a month* ?

(*c*) *Of Vacancies ever done* ?

*A.*—(*a*) No. *A.*—(*b*) No. *A.*—(*c*) Yes. It is done about twice every six months.

3. *Q.—Are cases of Increase and Decrease reported, or only those of Increase* ?

*A.*—Both are reported. Increases from new buildings and addition to buildings and decreases from demolitions.

4. *Q.—Are standard rules for the classification and assessment of properties framed* ? *A.*—No.

5. *Q.—Have the bills, issued to Ward Clerks one day, been accounted for the next day* ?

*A.*—No. Please see answer to Committee's question 13.

6. *Q.—Has the Assistant Assessor ever checked 25 per cent. of properties in each Ward* ? *A.*—No, he has not had the time to do it.

7. *Q.—Have the Ward records been examined by the Assistant Assessor and a certificate to that effect furnished to the Commissioner* ?

*A.*—No. They have not had the time to do it.

8. *Q.—What is your opinion as to the separation of Inspection and Collection work* ? *Will it facilitate work and also serve as a check over one another* ?

*A.*—My opinion is that the inspection and collection work should not be divided, because I do not think the results would be satisfactory. The area of the sections would have to be increased, and the inspectors would not acquire that closely intimate knowledge of the properties and rate-payers in them which they now possess, and which I consider as absolutely essential for efficiency. One man who has to inspect and collect bills from, say, 500 properties is likelier to do the work more efficiently, than if one man had to do the inspection work of, say, 1,000 properties, and if another man had to collect the bills of the same properties. Besides, owners and occupiers would be more annoyed than at present, if one man called on them about inspection duty and another about collection work.

Intimate local knowledge of individual rate-payers is most necessary for the preparation of the Municipal Election Roll. I believe the separate system was tried before the present assessment and collection organization, but I understand it was an utter failure.

9. *Q.—Have columns from 22 to 24 and 26 to 29 in Form XVI (Collection Book) any practical value? Can they be dispensed with?*

*A.*—Columns 22, 23, 24, "Collections on account of other Wards," must be retained. They are the credit columns of "amount of bills received from other Wards" under remarks column.

Columns 26 to 29, "Process fees remitted; bills transferred to other Wards."

The amount of fees levied is entered in columns 16 and 17. A record must be kept of any remission of these fees. Columns 26 and 27 cannot be dispensed with, I think.

In my answer to Committee's question No. 26 I have stated my reasons for the retention of the transfer system. If the system is continued the columns must be kept.

10. *Q.—Do you think the addition of columns for (1) Ward No. (2) General Tax; (3) Water Tax; (4) Halalcore Tax; (5) Wheel Tax to the same form would be an advantage, as giving assistance in the collection of taxes?*

*A.*—I do not know that the addition of the five columns would be an advantage. The Ward Clerks' clerical work is almost too much as it is. If the columns for the taxes were added to column 4, they would have to be repeated in columns 5, 20, 23, 29 and in the column "Amounts of bills received from other Wards" in the remark column: an addition of 24 columns to a book big enough already.

11. *Q.—Do you believe that a fine of one or two annas for failure in taking prompt action in (a) making applications for Notice; (b) the service of Notices; (c) the execution of warrants, will be conducive to speedy and effectual working?*

*A.*—Fines are frequently inflicted as a reference to the Departmental Defaulters Book will show; I think a fine of one or two annas rather small for delay in recovery of bills.

12. *Q.—Do you think that a bonus of one anna per bill for more than 20 bills collected from twenty different persons will facilitate the speedy collection of revenue?*

*A.*—I do not think it would facilitate the speedy collection of revenue. I believe it was tried in former years, but it did not prevent large outstandings.

BOMBAY, 13*th January* 1891.

With reference to a previous question put by Mr. Dinshaw E. Wacha (see page 44 of the printed proceedings), Mr. Brunton said: The data on which the percentage cost of the Assessment and Collection Department are based are as under:—

The total amount of Property and Wheel Taxes collected in 1889-90 was—

| | Rs. |
|---|---|
| Property taxes ... ... ... ... | 31,69,464 |
| Wheel tax ... ... ... ... | 1,62,679 |
| Do. Public Land Conveyances ... | 1,50,289 |
| | 34,82,432 |
| Meter hire and Miscellaneous fees ... | 10,062 |
| Rs.... | 34,92,494 |

The total cost of the Department for the same period, inclusive of the salary of the Special Assistant, but exclusive of Town Duty and Tobacco Duties Establishments, was Rs. 1,17,173. The percentage is 3·35.

*Examination of Mr. Brunton continued.*

*By Mr. Viegas.*

1. *Q.—How long are you in the Assessment and Collection Department?* *A.*—Since December 1882.

2. *Q.—How many years have you been working under the old system of Assessment and Collection?* *A.*—I have never worked under the old system.

3. *Q.—What are the advantages and disadvantages of the old system compared with the new system, and* vice versa ? *A.*—Not having worked under the old system, I am unable to reply to this question.

4. *Q.—Could you by eliminating the drawbacks of the two systems, and combining their advantages with necessary additions suggested by your long experience, frame a better system* ? *A.*—See answer to question 3.

5. *Q.—Which are the weak points in the old system and which in the new system* ? *A.*—I do not know what the weak points in the old system were. The weak point in the new system is the requirement of more work from men than they are able to perform.

6. *Q.—What are your duties and responsibilities*? A. —See answer to Mr. Wacha's Question No. 5.

7. *Q.—How many Assistants have you?* A.—Up to 5th May 1890, two. Since then, three.

8. *Q.—What are their duties and responsibilities?* *A.*—The Assistant Assessors have the following wards allotted to them :—1st Assistant Assessor, A, B, also correspondence relating to the Assessment of Government, Port Trust and Railway properties. 2nd Assistant Assessor, C, D ; 3rd Assistant Assessor, E, F, and G. They are responsible for the assessment of all the properties in their wards and for the collection of all property and wheel taxes, for which duties the requirements of the *Manual* have to be observed as closely as practicable.

9. *Q.—How are the Wards distributed for supervision among the Assistant Assessors?* *A.*—1st Assistant Assessor, A and B and correspondence relating to Government, Port Trust and Railway properties ; 2nd Assistant Assessor, C and D ; 3rd Assistant Assessor, E, F, and G.

10. *Q.—Do you check and supervise the work of Assistant Assessors? Are you responsible for their proper supervision?* *A.*—I see that the Assistant Assessors perform their various duties as laid down in the *Manual* so far as they are able to do so. I am responsible for their proper supervision as far as practicable.

11. *Q.—Is it the duty of the Assistant Assessors to check and supervise the work of the Superintendents of the Wards allotted to them? Are they responsible for the proper supervision of the work of the Superintendents of their respective Wards?* *A.*—Yes, as far as practicable.

12. *Q.—How many Ward Superintendents are there? How many before the defalcations of Jamsetji?* *A.*—Up to 31st March 1890 there were six Ward Superintendents. Since then seven. At the time of the discovery of Jamsetji's defalcations there were seven Superintendents. Since the discovery, four Assistant Superintendents have been appointed.

13. *Q.—What are their duties and responsibilities? Are they responsible for the proper performance of their duties and work by the Ward Clerks?* *A.*—See my answer to Committee's Question No. 9. They are responsible for the proper performance of their duties by the Ward Clerks.

14. *Q.—What is the number of Ward Clerks?* (*a*) *By what principle have you regulated their distribution among the different Wards?* *A.*—There are 54 Ward

Clerks. (*a*) The distribution was originally made by Mr. Ollivant with due regard to the requirements of each section as to inspection and collection duties. There have been no material changes since April 1883, but when the number of Ward Clerks has been increased changes have been made in some of the sections.

15. *Q.—What are the duties and responsibilities of the Ward Clerks* ? *A.*—Their duties are the yearly inspection of every property in each section; the monthly inspection of every stable in each section; the monthly inspection of properties about which vacancy notices have been received; the half-yearly inspection of properties for which $\frac{1}{5}$th drawback of the General Tax has been claimed; the inspection of properties about which demolition notices have been received; the registering in Form 16 of all bills received from Head Office; the keeping of a field book; the posting into forms 12, 14 and 16 from the field books; the collection of taxes; service of notices of demand and of alterations in values; the execution of warrants; service and collection of wheel tax schedules; the posting of daily remittance reports; the transfer of bills and minor duties.

*Q.*—Do you think that these duties are too onerous for them ? *A.*—I think not.

*Q.*—Then you think that since the Ward Clerks have worked so well, the collection work has never been in arrears ? *A.*—The collection work is always in arrears more or less. There are so many cases which ——

*Q.*—What are the cases ? *A.*—Principally the cases of disputed bills.

*Q.*—Are there any other cases ? *A.*—I think that is the chief cause.

*By Mr. D. E. Wacha.*

*Q.*—Is it not a fact that the number of disputed bills has increased since the new Act came into operation ? *A.*—There have always been a large number of disputed bills.

*Q.*—Even before the Act came into operation ?

*A.*—Yes, but there has been an increase since.

[Mr. Wacha here stated that he had taken certain figures from the Administration Reports from 1883 to 1887-88 showing the amount of outstanding, and remarked that the Committee ought to give credit to the Assessor, that so far as the outstandings are concerned, care is taken to see that the amount is not increased.]

*Examination by Mr. Wacha continued.*

*Q.*—Has the number of disputed bills increased under the new system as compared with the old system?

*A.*—Not under the new system. Under the new Act, yes.

*The Commissioner.*—The principles of the Act have not yet been all settled by the Courts. I had a decision sent up to me the other day which will very seriously affect the halalkhor tax. It is in reference to drawback.

*Mr. Brunton.*—I may add another reason. There are a large number of disputed bills in B Ward alone, and I am at present disposing in that Ward alone of over 800 applications for $\frac{1}{5}$th drawbacks. It is only lately that the Standing Committee have given a general sanction on which these drawbacks should be allowed, so that these bills have been standing over. I think, roughly speaking, there are about 3,000 cases at present which I have to dispose of, that is, for the current half year, from 1st October last. This means probably 3,000 bills in arrears, and many people will not pay until their applications are disposed of. I include all those under the head of disputed bills.

*Examination by Mr. Wacha continued.*

*Q.*—In your own opinion has the number of disputed bills increased or decreased?

*A.*—There were not so many cases under the old Act, chiefly because the principles were more clearly fixed than at present.

*Examination by Mr. Viegas resumed.*

16. *Q.—Please give a statement showing the quantity of work done in a day or (if you prefer it in a given period not exceeding a week) done by (a) you as the Assessor and Collector, (b) the Assistant Assessors, (c) the Ward Superintendents, and (d) the Ward Clerks.* *A.*—(*a*) Please see answer to Mr. Vacha's Question No. 5. (*b*), (*c*), (*d*) I understand that the Committee desires that these may be answered personally by the different officers.

17. *Q.—By what tests could you find out that the supervision of their subordinates' work was neglected or perfunctorily done by the several officers?* *A.*—As regards Collection work, by a falling off in the amounts remitted daily to Head Office from Wards. Immediate inquiries are made by me whenever I find, from daily scrutiny of the totals of

the Remittance reports, a diminution in the collections in any Ward. On visiting the Ward offices I and the Assistant Assessors examine the books kept by the Ward Clerks and any neglect discovered in either Collection or Inspection work is at once noticed.

18. *Q.—How do you account for the fact that the defalcations of the Ward Clerk Jamsetji were not discovered, considering the laborate system of check and countercheck of the Manual, within a reasonable space of time after their commission?* *A.*—Jamsetji's use of forged receipts for bills for large amounts left for verification was one of the chief causes of the non-discovery of his defalcations. A daily account of bills issued to Ward Clerks was not taken for want of time and excess of work. This account, however, is now taken in all Wards : and there is a quarterly audit by a Special Department.

19. *Q.—Is it owing to any imperfection or imperfections in the system as laid down in the Manual? If so : (a) What are these imperfections ? (b) Why do you consider them so ? Give your reasons in full and in detail ? (c) Did these imperfections strike you before these frauds ? If so : (d) Did you bring them to the notice of the Commissioner ? (e) With what result ? Is it owing to any laxity on the part of the proper and responsible officers in the application of that system ? (a) Who has or have been guilty of this laxity ? (b) In which detail have they been lax ? (c) Whose laxity came to your notice ? (d) What punishment did you or the Commissioner inflict on him or them ? (e) Was any one dismissed for laxity ? (f) Did you recommend that any one should be dismissed for laxity ? (g) Were any of the officers implicated in lax supervision of "A" Ward during the period of Jamsetji's defalcations, ever before these frauds charged with laxity ? (h) With what result ?* *A.*—The defalcations were not due to any imperfection in the system, except, as I have already stated, the requirement of too much work from each employé. (*a*) I have pointed out in my Memo. A-7 what I think are the excessive requirements of the *Manual*. (*b*) From practical experience, please see Memo. A-7. (*c*) Yes. (*d*) Please see my reply to Committee's Question No. 13. (*e*) See (*d*). I am not aware of any wilful laxity on the part of any reponsible officer. (*a to h*) Whenever grave derelictions of duty were discovered the cases were reported by

me to the Commissioner. See answer to Mr. Javerilal's Question No. 41.

20. *Q.—Is it owing to the inefficient supervision ? (a) Did you ever find that the supervision of the "A" Ward was unsatisfactory ? (b) Did you yourself ever check the work of supervision of this Ward ? (c) With what result ? (d) Are you in the habit of ascertaining or testing the efficiency of this supervision? (e) How often in a quarter ? (f) What is your experience of these supervisions? (g) Was any of the supervising officers ignorant of his duties or incapable of performing them? (h) Was any one performing them perfunctorily ? (l) Do you suspect any collusion with Jamsetji ? (m) Are you satisfied with the work of supervision of the other Wards? (n) Do you wish to get rid of any of the officers for incompetency ?* A.—The supervision of "A" Ward was unsatisfactory so long as its Superintendent had the duty of collecting the taxes on Public Land Conveyances, in addition to his duties as Ward Superintendent. The appointment of Messrs. Rustomji Koyaji and Bal Nilaji as Superintendents of that Ward were not satisfactory to me. I never found that the supervision by the Assistant Assessor was unsatisfactory. (*b*) I have checked the supervision by the Superintendents and Assistant Assessors. With respect to the latter, see my answer to (*a*). The supervision by the Superintendents was of late, that is, for some months up to last June, not satisfactory. (*d*) Yes, see answers (*a*), (*b*). (*e*) I visited "A" Ward office regularly once a week except when hearing complaints or when engaged in other Wards during my hours of morning duty. (*f*) I have given my experience in answers (*a*), (*b*). (*g*) No one up to the appointment of Messrs. Koyajee and Bal Nilaji. But of these men I beg to state that I never had any cause to doubt their honesty ; the first man is physically weak, and the second was, I understand, unwilling to take up the appointment. (*h*) See answer to Question (*g*). (*l*) No. (*m*) Yes, but I consider that Assistant Superintendents should be appointed to C, F, and G. (*n*) I will report to the Commissioner any officer I think incompetent.

*Q.*—Is it the deficiency in the supervising staff that prevented you from applying this principle to the remaining Wards ? *A.*—Yes.

*Q.*—Do you think that by not applying that principle to the remaining Wards there may be greater fear of defalcations. *A.*—There is more likelihood to be defalcations in those Wards where too few Assistants are employed than in those where they are employed. For instance, in C Ward particularly.

*Mr. Brunton here referred to his letter No.* 20465, *dated 23rd December* 1890, *to the Commissioner, which was read by the Chairman, (see page* 49 *of the printed proceedings of evidence).*

*Q.*—You have told us that fifty-four Ward Clerks are enough for the Collection and Inspection work at present; how many superior officers have they over them? *A.*—Seven Superintendents and three Assistant Assessors. The 3rd Assistant Assessor was appointed since 3rd May last.

*Q.*—Have you included in these ten officers those who were appointed lately? *A.*—No, because their duties are entirely in-door.

*Q.*—Then, you think that the out-door officers are quite enough for supervising the work? *A.*—I do, bearing in mind the alterations in the *Manual* suggested in my Memo. A-7.

*By Mr. Wacha.*

*Q.*—What punishments are inflicted for neglect of duty? *A.*—I have a defaulter's book which is a thick volume.

*Q.*—But, generally speaking, were the punishments sufficiently severe to prevent a recurrence of offences? *A.*—I think so.

*Q.*—Since the re-organisation of the Assessment Department, is this the first defalcation which has been discovered? *A.*—Yes, the first serious one.

*By Mr. Viegas.*

*Q.*—Why was the work in connection with the Wheel-tax Duty added to the Superintendent's work? *A.*—Formerly there was an officer appointed exclusively for that work. He was called the Wheel-tax Officer, but since the re-organization the Commissioner put the work under the Ward Superintendent.

*Q.*—Were any steps taken to remedy inefficient supervision. *A.*—The inefficient supervision of the Superintendent and his failure to perform his full duty as required by the *Manual* was reported to the Commissioner.

*Q.*—With what result? *A.*—We had to await the passing of the new Act.

*Q.*—And what steps were taken after the passing of the new Act? *A.*—The Superintendent of A Ward was relieved of that work, which was transferred to E Ward, the Superintendent of which had an extra Clerk allowed him.

*By Mr. Wacha.*

*Q.*—Before the passing of the new Act, the Superintendent of A Ward had a great deal to do with the collection of Public Land Conveyance Tax, and when relieved of that work, he was better able to do the work as laid down in the *Manual*? *A.*—No doubt.

*Q.*—But notwithstanding that the defalcation took place? *A.*—Yes.

*By Mr. Viegas.*

When did the defalcation take place?

*The Commissioner.*—It is stated in my report to the Corporation.

*Examination continued by Mr. Viegas.*

*Q.*—Did the defalcation take place when the A Ward Superintendent had the extra duty? *A.*—When he was relieved of the extra duty.

*Q.*—Then the defalcation cannot be attributed to the extra duty which the Superintendent had to do? A.—When the defalcations were committed, the successive Superintendents were Messrs. Koyaji and Bal Nilaji, who were inefficient.

[The Commissioner here asked the Committee not to come to any conclusion on this latter point, as the defalcations extended over a great many years. At present the only defalcations before the Committee was that referred to in his report No. 13238A, dated 24th September 1890; but there was no doubt that there was tampering with Municipal revenue previous to the date specified in the report.]

*By Dr. Khory.*

*Q.*—Did not the two Superintendents ask you to give them some assistance to carry on the office work? *A.*—No. During the time that a Ward Office Clerk was absent, one of them, who it was I do not recollect, asked me for assistance to carry on the work of the Ward Office, but I said, no.

On a former occasion, when a Ward Office Clerk was gone on short leave, his work was done by the Ward Clerks.

*Q.*—Was it intended that during the absence of the Clerk the Superintendent should do the work of the Clerk? *A.*—The Superintendent had not to perform the duty. There was no extra duty entailed upon the Superintendent by the absence of the Clerk except the check ledger work and perhaps a little extra correspondence.

*Q.*—I believe the business of the Ward Clerk is to collect bills, get the money, and give it to the Superintendent. In the absence of the Ward Clerk that work was done by the Ward Office Clerk, and was it not possible that the latter in making these entries, as Jamsetji did, made false entries? *A.*—It has always been the duty of the Ward Clerk to post his own book to see to the Collection made by him as laid down in Form 16. The Ward Office Clerk has nothing to do with Collection and posting work, except column 25 of the Collection Book.

*Q.*—In the absence of the Ward Office Clerk was his business entrusted to the Ward Clerk? *A.*—Not to any particular Ward Clerk. The work would be divided among the Ward Clerks.

*Q.*—Who has to keep the check ledger? *A.*—The Superintendent.

*Q.*—Then who kept it, the Superintendent or the Ward Clerk? *A.*—I do not know, without referring to the Ward.

*Q.*—How long was Mr. Koyaji Superintendent of A Ward? *A.*—From 1st April 1889 to 21st July 1889 and from 23rd October 1889 to 31st March 1890.

*Q.*—And during the six months was he absent at any time? *A.*—I do not recollect, but to the best of my recollection he was sick, but I do not remember how long he stayed away.

*By Mr. Vicgas.*

*Q.*—On what date was this fine of Rs. 10 inflicted? *A.*—On the 26th March 1888.

*Q.*—Do you think that the fine of Rs. 10 was a sufficient deterrent for such a grave offence? *A.*—I do.

*Q.*—Did he commit any other offence after this fine was inflicted? *A.*—Some trivial offences detailed in my answers.

*By Mr. D. E. Wacha.*

*Q.*—Until 1888 there were a series of fines inflicted upon Jamsetji, and after that date a grave offence was committed ; and notwithstanding these several irregularities, did you not think it would have been wiser for you to have strongly recommended to the Commissioner that Jamsetji's dismissal would be infinitely better for the Municipal revenue. *A.*—It did not seem to me to be so.

*By Mr. Viegas.*

*Q.*—Did it ever come to your notice that Jamsetji was in the habit of gambling ? *A.*—If it had, I should have stopped him at once, and he would not have been allowed to remain in the Assessment Department.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—The fine of Rs. 10 inflicted on Jamsetji was of course known to the Ward Superintendent. *A.*—Yes.

*Q.*—Did you ask the Superintendent to be more watchful and vigilant ? *A.*—I do not recollect.

[*Mr. Brunton* here informed the Committee that the 54 Ward Clerks and 10 officers are sufficient for the work, provided that alterations are made in the *Manual*, otherwise they will not be sufficient.]

*By Mr. Viegas.*

*Q.*—What modification would you suggest? *A.*—Please refer to my Memo. A-7, wherein they are detailed.

21. *Q.—Did you, or to your knowledge, the Commissioner receive my complaints against Jamsetji ? (a) What was their purport ? (b) What steps did you or the Commissioner take on them ? (c) Was he ever reported for irregularities ? (d) What irregularities ? (e) What punishment was inflicted on him ? (f) Was his offence ever of a nature requiring dismissal ? (g) Was his extravagance or any other habit undesirable in a Bill Collector ever brought to your notice ? (h) How often was he fined ? (i) Is any other Ward Clerk guilty of such irregularities retained in the Department ? (m) Do you wish to remove any other Ward Clerk as likely to give the Department trouble ? (n) By whom was Jamsetji recommended for service in the Department ? (o) Was he a favorite with any of his superiors ? (p) What are the recommender's liabilities ?*

*A.* (*a*), (*b*) I do not know whether the Commissioner received any complaints against Jamsetji. Soon after his appointment, to the best of my recollection, I received an anonymous letter to the effect that he was in debt. I took steps on this, and the result was that I was so far satisfied with his explanation and the outcome of the inquiries I made, that I allowed him to continue in his duties.

*Examination resumed by Mr. Viegas.*

*Q.*—What inquiries did you make when you received the anonymous communication against Jamsetji? *A.*—I made inquiries through the Assistant Assessor. *Q.*—Were you satisfied that the Assistant Assessor had made full inquiries? *A.*—I was. *Q.*—And the result was that the explanation tendered was satisfactory? *A.*—Yes, I was satisfied with the result of the inquiry made by the Assistant Assessor. (*c* to *f*) Jamsetji was reported for irregularities as under:—"For careless entries in his books. Some of the dates in the Field and Collection Books do not agree.—*Cautioned.*" "Carelessness in posting the entries in the Collection and Field Books, &c.—*Fined Re.* 1." "For not entering presentation on back of the bills Nos. $\frac{A}{697}$ and $\frac{A}{1035}$, as per *Manual*, para. 4, page 152—*Fined Re.* 1." "For not promptly recovering and transferring bills—*Fined Rs.* 2." "For not entering in his Field Book the presentation of 16 bills—*Fined Rs.* 2." "For collecting very few bills—*Fined half a day's pay.*" "For carlessness in keeping his Collection Book—*Fined Rs.* 2." "For careless entry in Collection Book—See Assessor's No. 26185 of 1887-88.—*Cautioned.*" "For keeping back Municipal money and making false entries in his books in the case of one Dorabji Hormasji Mehta. (Commissioner's No. 19077 of 26th March 1888)—*Fined Rs.* 10, *and warned that a repetition of his conduct will entail dismissal.*" "For late attendance at Ward Office.—*Fined* 4 annas." (*g*) No, except in the case referred to under (*a*), (*b*). (*h*) See above. (*l*) For trifling irregularities a Ward Clerk would be retained in the Department, but certainly not for fraud. (*m*) I shall report to the Commissioner any Ward Clerk who, I think, should be removed. (*n*) I do not recollect, but he was no doubt recommended by a gentleman of some standing. I never employ or

recommend to the Commissioner for employment any man who is not so recommended. (*o*) I do not know. (*p*) I do not know.

*Q.*—Were any of these fines less severe than what they ought to have been ? *A.*—I think they were quite severe enough.

*By Mr. Wacha.*

*Q.*—In one of the records of the offence, it is stated that Jamsetji failed in his duty as regards the presentation of bills : don't you think that a fine of Re. 1 for such an offence was a light one ? *A.*—His pay being only Rs. 30, I think Re. 1 was sufficient.

*Q.*—Did you find him committing such irregularity on many occasions? *A.*—He did not commit that offence again to my knowledge.

*Q.*—Was any other Ward Clerk fined as often as Jamsetji had been ? *A.*—I cannot say unless I referred to the defaulters' book. *Q.*—What other Ward Clerks have been guilty of such irregularities as those committed by Jamsetji ? *A.*—I cannot say unless I refer to the defaulters' book.

*Mr. Viegas.*—It is very necessary that this question should be answered, as it would be well for us to know whether Jamsetji was the only notorious character.

*The Commissioner.*—It is only now that these irregularities of Jamsetji's appear to be so very serious, for had there been no defalcation the other offences would have been looked upon as ordinary cases of carelessness.

*By Mr. Wacha.*

*Q.*—Having ascertained that Jamsetji was in debt, was it not necessary that a watch should be kept on him ? *A.*—I told the Superintendent, A Ward, to be more careful of Jamsetji. *Q.*—Do you think that the Superintendents did take care ? *A.*—The last two Superintendents certainly did not do so.

*By Mr. Viegas.*

*Q.*—Who were the Superintendents in question ? *A.*—Messrs. Koyaji and Bal Nilaji.

*Q.*—What are the names of the previous Superintendents ? *A.*—Since 1884, there were Mr. Yeshwant Sazba, Mr. W. Pearson, Mr. Cassinath Narayen and

Mr. Byramji D. Banaji. I cannot recollect that I told each of the Superintendents to be careful of Jamsetji.

*By Dr. Khory.*

*Q.*—Did you inform Mr. Koyaji and the last Superintendent? *A.*—I informed Mr. Koyaji, but I do not think I told Mr. Bal Nilaji.

*Commissioner.*—Was your suspicion of Jamsetji based alone on that anonymous letter? *A.*—By the carelessness of his work also.

*Examination resumed by Mr. Viegas.*

22. *Q.—Who were the Ward Superintendents during the period of Jamsetji's defalcations? (a) Do you know personally all the Ward Superintendents? (b) Are they all fit for their posts? (c) Were they all recommended by you for their posts? (d) What qualifications do you look to in recommending them? (e) How many of them are promoted from the lower grades of the Department? (f) Are out-siders, who know nothing, or next to nothing, appointed to these posts? (g) Are recommendations a necessary qualification for these posts? (h) What qualifications are exacted in the case of out-siders? (i) Do all of them comply with the Standing Orders of the Manual? (j) Why not, and since when? (k) Through ignorance? Carelessness? Inability? Difficulties? (l) Were these difficulties brought to the notice of the Commissioner?*

*A.*—Jamsetji was employed on the 8th August 1884. The Ward Superintendents since then have been :—

Mr. Yeshwant Sazba from 8th August 1884 to 14th March 1886. Mr. W. Pearson from 15th March 1886 to 30th November 1886. Mr. Casinath Narayen from 1st December 1886 to 31st January 1887. Mr. W. Pearson from 1st February 1887 to 11th October 1887. Mr. Casinath Narayen from 12th October 1887 to 9th January 1888. Mr. W. Pearson from 10th January 1888 to 3rd February 1888. Mr. Byramjee D. Banaji from 4th February 1888 to 30th April 1888. Mr. W. Pearson from 1st May 1888 to 31st March 1889. Mr. Rustomji N. Koyaji from 1st April 1889 to 21st July 1889. Mr. Mahomed Jaffer Nazerali from 22nd July 1889 to 22nd October 1889. Mr. Rustomji N. Koyaji from 23rd October 1889 to 31st March 1890. Mr. Bal Nilaji from 1st April 1890 to 20th July 1890. Mr. Atmaram Motiram from 21st July 1890 to——

(*a*) Yes. (*b*) Yes. (*c*) No. (*d*) See (*c*). (*e*) The present

Superintendents A, B, F, and G. (*f*) When the Department was re-organized out-siders were appointed. (*g*) Yes. (*h*) They would be appointed by the Commissioner who would no doubt see that the candidate was qualified. (*i*) No. (*j*) See my memo. A-7. (*k*) Not, I believe, through ignorance or carelessness or inability, but really for want of time, from overwork. (*l*) See answer to Committee's Questions Nos. 13 and 21.

23. *Q.—Were these Standing Orders violated with your consent and full knowledge* ? (*a*) *Was the Commissioner cognisant of this violation* ? (*b*) *Did you think these orders were mere formalities that were better honoured in their breach than in observance* ? (*c*) *What share of blame for these frauds should fairly fall on your shoulders* ? (*d*) *What share on the Commissioner* ? (*e*) *And what on the Assistant Assessor in charge of the "A" Ward* ? (*f*) *Is it not fair that, since the prescriptions of the Manual were violated with your full knowledge, you should be called upon to contribute to make up the loss* ? (*g*) *Don't you think that the Municipal Act should be so amended as to, when the Commissioner sanctions the violation of Standing Orders, or overlooks their violation, make him liable to make up the loss resulting directly from such action on his part even after he ceases to be Commissioner* ? (*h*) *Is it not a fact that, but for the violation of these regulations, the frauds of Jamsetji would have been detected much earlier* ? (*i*) *Should not the liability of question* (*g*) *attach to other officers*? (*j*) *Was there any circumstance which justified the violation of the Standing Orders* ? (*k*) *Was it brought to the notice of the Corporation* ? (*l*) *Or by you to the notice of the Commissioner* ?

*A.*—No, as before stated, I reported all grave violations of orders to the Commissioner. (*a*) See above. (*b*) No. (*c*) None, I submit. (*d*) None. (*e*) None. It was the action of the Assistant Assessor, Mr. Pherozshah Rustomji in charge of A Ward (whose duties had been lightened by the appointment of a Third Assistant) that primarily led to the discovery of Jamsetji's defalcations. (*g*) I do not think so. (*h*) I do not think so. The substitution of *forged* receipts for bills left for verification deceived all the supervising officers. (*i*) I do not think so. (*j*) Yes, want of time to carry out all the requirements of the *Manual*. (*k*) I do not think so. (*l*) Yes, see answers to Committee's Questions 13 and 21

## APPENDIX **M. A. 7.**

*Memo. referred to by Mr. Brunton in his answer to Committee's Question—see* page 36.

*Details of Manual, para.* 3, *page* 1.—The Parel (F) and Mahim (G) Wards have now been divided, having each a Superintendent. An Assistant for each is required. The numbers of bills are large—F 8,286, G 13,633, in 1890. Besides, for two months, whilst complaints are being heard, the Ward Superintendents have to attend at Head Office once or twice a week, and some one must be put in charge to issue bills, &c.

*Paras.* 7 *to* 11, *pages* 2-3.—The Land Register is not kept as prescribed, for want of sufficient staff, I believe.

*Para.* 13, *page* 3.—When the Assessor is engaged in hearing complaints, usually from the middle of January to the middle of March, he performs no out-door duty ; he has to be in Head Office by 10 or 10-30 a.m. to keep up the current work ; also, when he hears complaints during the year, he performs no out-door work. The Assistant Assessors, too, can perform but little out-door duty during these months. There are now seven Superintendents' charges or Wards ; F and G having been separated.

*Para.* 34, *page* 11.—The field books should be kept in the Wards until the end of the official year.

*Last part of para.* 35, *page* 11.—For want of time, the annual audit has never been made.

*Para.* 36.—The Assessor has never had time to make assessment questions a special study (referring to English text-books on the subject), and to frame rules for the classification of properties, &c. He has quite enough to do to attend to the other duties required of him. If he has to make a special study of the law of assessment, he must be relieved of many other duties, notably of inspection work.

*Last part of para.* 37, *page* 12—"The Ward Superintendent will be held strictly responsible," &c.—Impracticable up to the appointment of the Assistant Superintendents in November last, and still impracticable in C, F, and G until Assistant Superintendents are appointed for these Wards. I have asked for them. No provision in *Manual* for carry-

ing out the order. No diary or day-book provided in *Manual* for issues of bills. Superintendents have no time. The work of collection most paramount and pressing.

*Manual, Form I, page* 23, *para.* 13.—It is impossible for the Assistant Assessors and Assessor to see that the details (that is, each entry in this form,) are correct. They check the final totals as prescribed in para. 11, and that is all they can do.

*Para.* 14.—The annual abstract has never been called for, nor prepared. This might be omitted.

*Form II.*—The carrying out of the system as laid down in this form prevents the Assessor and the Assistant Assessors from performing their out-door duties for at least two months in the year. The complaints are heard from about 15th January to about 15th March, and to keep up his current work in the Head Office, the Assessor has to attend from 10 a.m. or 10-30 a.m. daily. The hearing of complaints commences at about 12-30 p.m. and lasts uninterruptedly until 6 or 7 p.m. Usually, 25 complaints are heard daily, but their hearing is somewhat hastily got through; because to complete the whole, so that the Assessment Book be ready by the 1st April (*see* para. 5) sufficient time cannot be given to each complaint. The numbers heard since 1888 are as under :—

| | 1888. | 1889. | 1890. |
|---|---|---|---|
| By Assessor..... | 1,284 | 914 | 854 |
| By Special Assistant to Commissioner. | 1,074 | 901 | 875 |
| Total..... | 2,358 | 1,815 | 1,729 |

In addition to these complaints, there is the hearing of those made against increased assessments (Section 167) during the year. There have been 351 since 1st April last.

*Para.* 6.—The complaint book is not daily brought to the Commissioner for scrutiny. I took it a few times myself; but, as a rule, the Commissioner had not the time to scrutinize.

*Form* 3, *para.* 7.—The Assessor and Assistant Assessors cannot satisfy themselves as to the correctness of the *details* in the columns of this form. There are innumerable entries in the Form; the Accountant and Deputy Accountant should check a percentage.

*Form* 4, *para.* 2.—Discrepancies between tax-payers' schedules and Form 15 should be inquired into by the Superintendent of the Ward concerned ; neither the Assessor nor the Assistant Assessors can find time to do the work or to take legal proceedings. I have kept away from all the law courts as much as possible, and would only take proceedings in flagrant cases of evasion of tax. Rest of requirements are carried out.

*Form* 4, *para.* 3.—Instead of totalling and certifying every quarter, it should be done yearly, as at present.

*Form* 5.—There has been a slight deviation from the requirements : $\frac{1}{5}$th drawback is allowed under Section 158. When applications are received, they are registered in a rough memo. book and forwarded to the Superintendent for report on Form B-4 attached. When the reports are returned to Office, columns 1 to 6 of Form 5 are filled in; the Assessor fills in column 11 of Form B-4, and sends it to Commissioner for orders. When orders received, the other columns of the form are filled up.

*Form* 6, *page* 55.—If any form can be dispensed with, it is this. Its preparation entails much labor, and it is a costly book—Rs. 1,440-7-3 for 74 books. In practice, the bills are made out from Forms 1, 3 and 4. The rate-payers' Ledger, Form 7, can be similarly prepared; a few columns would have to be added to forms 1, 3, 4 and 5.

*Form* 6, *page* 55.—This return has been discontinued for want of time to prepare it, for about twelve months past. It has never been asked for from Commissioner's Office, so I presume it is not of much value.

*Page* 56.—The property rate bills are issued punctually on 1st April and 1st October, compounded water-tax bills also. The meter readings are not received from the Engineer on 7th of each month. They are received for B and C Wards about the 10th, for A and E on 15th, F and G on the 10th, as per Commissioner's No. $\frac{1817}{1887\text{-}88}$; the bills are issued as soon as possible after these dates. *Wheel-tax bills* are issued on the 20th, not 10th of the month following the quarter they refer to. Not time to prepare them by 10th. *Special Halalkore bills*—The Health Officer sends in his return about the 20th of each month, and bills are issued within a week.

*Para.* 5.—The Assessor has not the time to do this work. The number of alterations are very numerous. For the year ending 31st March last, there were the following :—

| *In Form* 1, *concluding columns* | *In Form* 3. | *In Form* 6. |
|---|---|---|
| 2,564 | 18,129 | 19,882 |

Total 40,575

*Para.* 7.—The Assistant Assessors and Assessor cannot ascertain that every *detail* entry and total in this are correct.

*Form* 7, *page* 62.—The columns need not be totalled, the check on the totallings of Forms 1, 3, 4, 6, and 8 is sufficient. The Ledger might be made up from Forms 1, 3, and 4.

*Details of Manual*, *Form* 8, *para.* 3.—This requires that the Assessor and Assistant Assessors should scrutinize columns 15, &c., of this book. The work is unnecessary. The scrutiny is sufficiently done in columns 9 to 19 of Form 16 in the Ward Offices.

*Para.* 4.—Same remarks as in para. 3.

*Form* 8, *para.* 5, *p.* 75.—The Assessor should have the power of remitting these fees. The amounts are small, and to cancel a fee of four annas only, a reference has to be made from the Assessor to the Commissioner, through the Revenue and Refund Audit Officer.

To this form a column, 31*a* "Date of Retransfer," should be added.

*Para.* 6, *last part.*—The Accountant or Deputy cannot satisfy himself that all the items of the Remittance Reports are posted under their proper heads. The Collection Clerk does this, and initials the report, the totals of which are checked by the Chief Registration Clerk and initialled by him. But the Accountant can see that the totals of the Remittance Reports tally with the totals carried to the Ledger, and he should see that a percentage of the items are correct.

*Page* 78, *III.*—The *Collections* are not kept by Wards in Chief Accountant's Office, so they cannot be tallied as required here.

*Form* 9, *Form* 9*A*, and *Form* 9*B*.—No remarks.

*Form* 10.—*Immediately verifying vacancies* (*p.* 98, *para.* 4). *Watching vacancies during six months* (*p.* 98,

*para.* 4.)—There were 2,488 vacancy notices in 1889-90: A, 375; B, 274; C, 415; D, 440; E, 628; F, 197; and G, 159. The Superintendents cannot immediately verify; but they can inspect each case once or twice every six months, and this is what is done at present, and which is all that is necessary.

*Assistant Assessors to inspect vacancies.*—There is no time for the Assistant Assessors to inspect all the vacancies. I think 20 per cent. of inspection would be fair.

*The Assistant Assessor to enter amount of Refund to which applicants are entitled, p.* 99, *para.* 5; *also to enter amounts of refund in columns* 27, 28 and 29 (*p.* 99, *para.* 6.)—This is account work, and is done by the Account Clerks under the Head Accountant. The Assistant Assessors to fill up columns 18 and 25 only.*

*Form* 12.—*Ward Clerk to make a thorough inspection of every property yearly* (*p.* 120, *para.* 3.)—Difficult in F & G, where there are so many (10,385) "lands," besides 6,000 buildings. To identify all these yearly, the Ward Nos. should be entered on the Revenue Survey sheets. It has been partly done, but two extra surveyors are required for the work. The inspection work in the other Wards is fairly well done by the Ward Clerks.

*Superintendents to verify and test Ward Clerks' inspection p.* 121, *para.* 4.—The Superintendents have not the time to verify and test every inspection by the Ward Clerks. There are the following properties in each Ward:—A, 4,411; B, 6,271; C, 8,480; D, 4,480; E, 9,133; F, 9,230; and G, 8,420—total, 50,425. The yearly inspection commences on 1st April, and in order that the Assessment Book may be prepared by the 20th December, as laid down in the *Manual* in para. 7, page 21, it must be completed by the 31st October, that is, in 7 months or 210 days; from these, deduct 30 Sundays and 20 for holidays and contingencies, this leaves 160 days, which, divided among the properties, gives an average of 315 a day for inspection by the 7 Superintendents, or an average of 45 each per day. No man can do this amount of work. In F and G more inspection work can be done than in the other Wards, as lands are more quickly inspected than buildings. I think an average of about five properties a day is all that a man can

* NOTE.—After column 29, another column should be added for other Charges (Notice fees, Toll fees, Meter hire.)

do. This is only testing work. The Superintendent has also to inspect for vacancies, $\frac{1}{5}$th draw-back, stables, complaints against valuations and disputed cases.

*Ward Clerks, besides visiting every property once a year, are to visit every property at least once a quarter, para.* 5, *p.* 121.—This cannot be done. There is no necessity for a Ward Clerk to visit a property so frequently. *The tenants and owners resent such frequent inspections.*

*The Assistant Assessors to test the inspection at the rate of* 25 *per cent. of the properties, para.* 6.—This has never been done, and cannot be done. If 25 per cent. of 50,425 properties were inspected in 16 days, each of the three Assistant Assessors would have to inspect 26 a day. If they inspect 5 per cent. of the properties during the 160 working days, it is as much as they can do. In addition to this they have to inspect for vacancies, disputed cases, complaints, &c.

*It must be clearly understood, &c., last part of para.* 6.—I think these words might be omitted. The Assistant Assessor cannot do the inspection work required of them, and cannot therefore bear the responsibilities here laid on them.

*The Assessor's inspection to be, say, from* 5 *to* 10 *per cent. of the properties in each Ward* (*para.* 7, *p.* 122).—The largest number of properties I have ever been able to inspect in one day has been 7. I have known it to take over an hour (1 h. 25 m., I think, the time was) for the inspection of Mr. N. Kyraz "Barrack" in Dongri Kuli Street. No per cent. average can be fixed for the Assessor, who should inspect at his discretion.

See also last part of remarks on last part of para. 35, page 11.

*Quarterly Return of Inspection Test, para.* 7, *page* 122.—These have never been called for, nor submitted; they are therefore I think unnecessary. The inspection work is shown in the tabulated Ward Reports.

*Yearly Return of Inspection Tests, para.* 8, *page* 120.—Same remarks as in quarterly return.

*The Assistant Assessor to record result of testing in column* 15, *the result of the Assessor's tests to be communicated to the Ward Superintendent, para.* 9, *page* 122.—In cases where the Superintendent or Ward Clerks have failed to notice

any under-assessed property, and it comes to knowledge of the Assistant Assessor, he should at his next visit to the Ward Office enter in column 15 the result of his inspections.

*Form* 13—*Assistant Assessor to verify all proposed enhancement or reductions, para.* 2, *page* 128.—They cannot do this in *all* cases. I think this should be left to the discretion of the Assessor and Assistant Assessors.

*Form* 14—*Ward Superintendents to visit every stable once a month* (*para.* 2, *page* 132).—There are the following stables in each Ward :—A, 326; B, 207; C, 314; D, 644; E, 339; F and G, 291; total 2,121; and if they are inspected once a quarter by the Superintendent as at present, it is sufficient. The Superintendents have no time to inspect them monthly, and people will not have their premises visited by Municipal officers so frequently.

*Form* 15—*The Assistant Assessor at periodical examination of accounts to see that this Return is correctly compiled.*—As the periodical examination of accounts has never been made by the Assistant Assessors for want of time, and as it is not now necessary owing to the creation of the Revenue and Refund Audit Department, I think this might be omitted.

*Form* 16.—*This registering* (*of bills*) *must be done in the presence of the Superintendent in whose personal custody the bills must remain until they are all registered* (*para.* 2, *page* 152).—I think that if this is done under the supervision of the Superintendent or Assistant Superintendent, it is all that is necessary. Bills cannot be registered by the Ward Clerks, and remain at the same time in the personal custody of the Superintendent.

*Para.* 3.—This para., if carried out literally, would mean the probable issue of only 15 or 20 bills to each Ward Clerk daily, the result of which would be small collections and large arrears. The number of bills to be issued must be left to the discretion of each Superintendent, who knows the requirements of each Ward Clerk, who again is acquainted with the rate-payers from whom he is likely to recover quickly. The daily register of issues kept by the Assistant Superintendent will, I think, be a safeguard against fraud, unless the Assistant Superintendent acts in collusion with the Ward Clerk. Since the keeping of the register

(September) and the issue of comparatively few bills to the Ward Clerks, the collections have lessened thus :—

| | Bills. | Rs. |
|---|---|---|
| In Sept., Oct. and Nov. 1889... | 17,700 | for 7,58,844 were collected. |
| Do. 1890... | 14,601 | for 6,62,033 „ |
| Less ... | 3,099 | 96,811 |

But I hope that the collections will gradually improve. There should, as I have said elsewhere, be an Assistant Superintendent for each Ward. We have one each for A, B, D and E. C, F and G should each have one.

*Notice of Demand after first presentation—para.* 4, *page* 152.—Whether a bill should be presented more than once or not, should be left to the discretion of the Assessor or, under his orders, the Assistant Assessors and Superintendents. To enforce this in every case would create great hardship, and I have never carried it out rigidly. I think this part of the *Manual* might be omitted.

*Warrants—para.* 5, *pages* 153-4.—Same remarks as in para. 4.

*Para.* 6, *page* 154, should, I think, be omitted. (*See* remarks on paras. 4 and 5.)

*Para.* 7 ,*page* 154.—The question is, should the Ward Clerks be allowed to post the credit columns of their collection books ? (*See* my reply to Mr. Wacha's question 4, para. 6.)

*Para.* 8, *page* 155.—It is not necessary for the Assistant Assessor to try and recover bills. All he need do is to see that due effort has been made to collect the bills.

*Last part of para.* 12, *page* 156.—I think this should be omitted. The constant supervision of the Ward Office Records by the Superintendents, Assistant Assessors and Assessor, together with the quarterly audit by the Revenue and Refund Audit Officer, ought to suffice.

A column, 30, " Amount of bills transferred from other Wards," should be added. The remark column would then be 31.

*Ward*_____

*STATEMENT showing proposals in respect of $\frac{1}{5}$th Drawback under Sec. 158 (2) of the Municipal Act for the half year commencing on*

| Serial No. of Entry. | Date of receipt of application for 5th Drawback. | Description of Property in respect of which claimed. | | | | | Whether Property is let out in single rooms for purposes of Sec. 76 (2) of the Old Act. | Whether Property remaining frequently or generally, wholly or partially vacant. | | The Assessor's proposals. | Commissioner's orders. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ward No. | Sub No. | Street. | | No. of Holidays comprised. | | Answer Yes or No. | If yes, how many holdings remain generally or frequently vacant. | | |
| | | | | No. | Name. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | | | | | | | | | |

*27th January* 1891.

*Mr. Pherozeshah Rustomji, 1st Assistant Assessor, examined on the following written questions, put by Mr. Viegas.*

*Q.* 1.—*How long are you in the Assessment and Collection Department?*

*A.*—I have been connected with the Assessment and Collection Department ever since I was employed in the Municipality 25 years ago.

*Q.* 2.—*How many years have you been working under the old system of Assessment and Collection?*

*A.*—From 1866 to 30th November 1882 I worked under the old system.

*Q.* 3.—*What are the advantages and disadvantages of the old system compared with the new system; and* vice versa ?

*A.*—My experience of assessment work under the old system was very limited, not having had anything to do with it till 1879, when on amalgamation of the Assessment and Collection Departments, I was employed as Office Assistant, and my duties were chiefly in respect of correspondence and other office work. From 1880 till November 1882, I was in charge of Fort and Colaba Ward for assessment purposes, and the experience of assessment work gained by me during that period was in connection with the special revision of valuations made in 1880 under the Commissioner's direct supervision.

The irregularities and shortcomings disclosed in the course of that revision, formed the subject of a special inquiry by a Committee of the Town Council, and the conclusions arrived at by them have been embodied in their report. They ascribed the shortcomings and faults of the department mainly to the absence of any organized system, and it was in compliance with the requisition of the Town Council that the existing system was devised by the Municipal Commissioner. There is, therefore, no fair basis for comparison between the old and the new systems so far as assessment work is concerned.

My experience of the present system is that it is well calculated to safeguard and promote the revenue interests of the Municipality, and to enforce and maintain discipline and efficiency in the department. But it requires an excessive amount of work from each one of its members,

and renders it necessary that every one of them should be capable, willing and intelligent. It makes the duties of the supervising staff, from the Assessor to the Superintendent, peculiarly difficult and onerous, and whilst it doubtless requires that the superior staff should be intelligent and efficient, it is the character and capacity of the Ward Clerks which determine in no small degree the state of efficiency or otherwise of a ward.

The elaborate books and forms involve considerable clerical labor, but they are well devised to secure carefulness, punctuality, and precision, so necessary in a revenue department.

The large amount of correspondence arising from disputed assessments and bills, is an inevitable outcome from constant activity and vigilance in the assessment work.

The extent of this correspondence, perhaps not contemplated in the *Manual*, is yet a serious tax on the energies of the supervising staff, particularly the Assessor and his Assistants, and hampers them considerably in the discharge of their prescribed duties in connection with inspections, and the supervision of the ward offices.

As to the collection work, the past system enjoyed an advantage over the present, in the fact that it was done by a special department which not having had anything to do with assessment work, was necessarily better able to exercise checks over Ward Clerk's collections and balances.

The collection work under the old system was far more easy than now, because, owing to a lack of vigilance and an organized system, the assessments remained undisturbed for years together ; there were not so many bills against mill, railway, Government and Port Trust properties, so many prolific sources of disputes and correspondence.

It was not necessary under the old system to leave several hundreds of bills with large land-owners on receipts, and to carry on protracted correspondence with them for months together, resulting in increased accumulation of disputed bills. The old system did not require transfers of bills from one ward to another necessitating much clerical labour.

The Ward Clerks under the old system possessed no control over their account books, and consequently had no opportunities of making fraudulent entries in them.

The Ward Clerks had no other duties but those of collecting the bills.

Whatever advantages the old collection system possessed, they were only incidental and due more to the time and circumstances, and not as features of an efficient organized system such as the present is.

It is a distinct advantage of the present system that both the Assessment and Collection work is done by the same department.

Each Ward Clerk has a small section of the City assigned to him, within the narrow limits of which he can manage to possess himself of all the knowledge in connection with owners and properties, by which he can perform with ease and efficiency, his duties both in connection with assessment as well as collection work. If these two duties were separated, it would be necessary to enlarge the area of such section, and there would consequently be fewer men to perform each duty separately. This would scarcely lighten each man's work, the larger distance meaning greater physical labour, and fewer visits to owners and properties in the section. Therefore the present system is an advantage, in that the labours of all the Ward Clerks are fully availed of, for both the assessment and collection duties, thereby securing efficiency as well as economy.

The transfers of bills from one ward to another, is a necessary concomitant of each Ward Clerk being placed in charge of a distinct section, and his duties being solely confined to it. This affords great facility in collection work.

The clerical labour involved by the system of transfers, has been already provided for in the existing establishment, whilst the appointment of Assistant Superintendents to keep a daily account of bills issued and collected, as well as the quarterly audit, ought to be sufficient safeguards against embezzlements or fraudulent practices on the part of the Ward Clerks.

The points in which the present system requires improvement are: first the system of leaving bills with owners, on receipts. I think that unless this practice is dispensed with, there will be no effectual mode of shutting a door against frauds. A memo. signed by the Assessor and containing all requisite details in the bills ought to suffice for

the owners, who cannot wish that the Municipality should run any risk of pecuniary loss for their convenience.

The second point in which I consider reform to be necessary, is in allowing the Ward Clerks the custody of their ward collection books. I would place the books in charge of the Assistant Superintendents and get them with the assistance of a couple of office clerks in each ward to post up all entries of bills, collection, &c. The Assistant Superintendent should primarily be responsible for the collection work, and balances of Ward Clerks.

This would relieve the Ward Clerks of clerical labor in connection with their collection books, and would also, in some measure, afford relief to the Superintendents.

The Act provides for single presentations of bills, and if the practice were made as conformable to this legal requirements, as possible, the Ward Clerks' labour of collection work would be lightened.

*Q.* 4.—*Could you by eliminating the drawbacks of the two systems and combining their advantages with necessary additions suggested by your long experience, frame a better system?*

*A.*—The system is theoretically as perfect as it well can be. To make it as effective in practice, is only a question of increased labor, and therefore of expense. I submit, the defalcations have not resulted from any defects in the system, but from making it as economical as possible: for instance :—

1st—In making, until the end of 1888-89, the A Ward Superintendent responsible both for his duties as Superintendent under the *Manual*, as well as in connection with the collection of tax on public conveyances, for which work previously, there was a separate officer on Rs. 300 per mensem.

2nd—From postponing the appointment of an additional Assistant Assessor until May 1890, though the necessity of such appointment was felt and represented so far back as 1884.

3rd—The absence of a special Audit Department, the necessity of which was foreseen, but which was not actually established until 1890.

I am unable to suggest a better system.

*Q.* 5.—*Which are the weak points in the old system and which in the new system?*

*A.* Please see answers to questions 3 and 4.

*Examination continued by Mr. Blancy.*

Q.—It is stated that the assessment duties are onerous and considerable, but now that the Act is in the third year of its working, are not the employés of the Assessment Department more familiarised with it, and consequently is it not less onerous? *A.*—Of course, because they have got more familiar with their work; it is easier for them to perform it, but the amount of their work remains the same, and I do not think that the work of the Supervising Officer has been perceptibly lightened. For instance, there is still so much correspondence work that the Assessor and Assistant Assessors have to devote a far greater portion of their time to Head Office work than they can to Ward Office work.

*By Mr. Wacha.*

*Q.*—Do you think that the work has increased on account of the number of houses increasing? *A.*—There is such a large number of property, and changes in the valuations are so frequent, and there are so many changes in the new Act, that what with the $\frac{1}{5}$ drawbacks, the halalkhor and water taxes, &c., there is a far greater amount of correspondence now than there was before. The Assistant Assessors have now only one hour to devote to Ward Office books and accounts, and the books of each ward can only be examined every other day.

*By the Hon'ble Mr. Fazalbhoy Visram.*

*Q.*—Who checks the valuations? *A.*—The valuations of the clerks are checked by the Superintendents, who prepare the tabulated ward report; these then come to the Assistant Assessors, who check the valuations as far as they can, and then they are taken to the Assessor, who checks them as far as he can.

*By Mr. Wacha.*

*Q.*—Practically speaking, you are not able to do the work of the *Manual*. What is the percentage of the work you are able to do? For instance, take the work of 5,000 properties. *A.*—3 to 5 per cent. *Q.*—You say that the system of the *Manual*, theoretically speaking, is very good, but, practically speaking, nobody seems to be able to carry it out with efficiency? *A.*—Mr. Brunton has made out a list of the work which cannot be

done under the *Manual*. *Q.*—Is it not a fact that the *Manual*, theoretically speaking, entails a great deal of labour which practically, your department, as at present constituted, is not able to it ? *A.*—Yes, in some measure.

*Q.*—What staff do you consider will be required under the *Manual*, if the properties are to be assessed as required by the *Manual*? *A.*—If you consider the inspection made by the Superintendents and their way of testing the work of the Ward Clerks to be sufficient and reliable, then the Assistant Assessors might be relieved of the work which is prescribed in the *Manual*.

*Q.*—Do you think you will be able to carry on the work as given in the *Manual*, if the Superintendents are only to carry out the work as just stated ? *A.*—No. *Q.*—Mr. Virprasad has told us that if the collection work were rigidly carried out in accordance with the regulations as laid down in the *Manual*, there would have been no defalcations. Is that so ? *A.*—If the A Ward Superintendent was not saddled with the additional work of collecting taxes on public conveyances, he would have more time to devote to the examination of the Ward Clerks' books and accounts. The Superintendents had so much work to do under the *Manual*, that they could not afford that time and attention to the examination of the Ward Clerks' balances which was necessary to guard against such skilful frauds as those perpetrated by Jamsetji. Now that Assistant Superintendents have been appointed, they should be held primarily responsible for the collection and for the custody of the collection book of the Ward Clerks, and that all entries in the collection book should be made by the Assistant Superintendent with the assistance of the clerks under them. *Q.*—Do you think that with the assistance you speak of, it would give such an efficient system of check that such defalcations would be made impossible ? *A.*—I think that the receipt system should be abolished. *Q.*—Apart from that, do you think that with the relief they will get, the Superintendents will be able to do their work better ? *A.*—I cannot say that their work will come up to the standard assumed. *Q.*—How much of the *Manual* work do you think ought to be lightened so as to secure real check ? *A.*—My idea is that the arrangement which the Commissioner has just made, *viz.*, that of appointing Assistant Superintendents for the

purpose of keeping a daily account of bills issued and collected, is a measure which will be a safeguard to the Municipal revenue and will prevent frauds.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—Do they check the outstanding bills? *A.*—The Superintendents do. It will not be sufficient for the Assistant Superintendents to keep a detailed account of bills collected, the Superintendents should from time to time check the balances also. *Q.*—Do you check the number of bills or the amount? *A.*—We check the number of bills and also at the same time examine the entries of the bills with the bills in cases over Rs. 100.

*By Mr. Wacha.*

*Q.*—Does the transfer system entail labour? *A.*—It entails clerical labour. *Q.*—If that portion of the labour was saved, what would the Clerks do then? *A.*—I say that the collection work cannot be separated from the inspection work. I think that each man should be held responsible for the collection in the section in which he has been appointed. *Q.*—What is your opinion as regards the transfer system? Is it good or bad? *A.*—I say that the transfer system opens a door to frauds, but that door has been shut against fraud by the appointment of Assistant Superintendents, and by the quarterly check. *Q.*—With all the work, how can you say that this transfer system will work so well as to prevent any of those irregularities which have occurred of late? *A.*—The daily issue of bills and the daily counting of bills is, I think, a safeguard. *Q.*—Am I to understand that the present system is that the Ward Clerk simply enters on his own account the ward collection, and when the bill is transferred from one ward to another, he can do that without the knowledge of the Superintendent? *A.*—Yes, I think he should be relieved from that work; the Assistant Superintendent should be held responsible for the custody of these books. *Q.*—Supposing the system is changed, will the staff be sufficient to carry on the work, or shall we have to suggest to the Commissioner to have a larger staff to do the work? *A.*—By the work of the *Manual* we shall require a larger staff. *Q.*—Can you tell us what staff is absolutely required? *A.*—My idea is that the Assistant Superintendents should be required to furnish a larger

amount of security. *Q.*—What amount of security do they furnish at present? *A.*—Rs. 3,000. There should be two clerks under the Assistant Superintendent in addition to the one already employed, and they also should be required to furnish security. *Q.*—What is the amount which daily or weekly passes through their hands? *A.*—They have bills amounting to thousands of rupees.

*By the Hon'ble Mr. Fazalbhoy Visram.*

*Q.*—How are the bills in the possession of the Ward Clerks checked? *A.*—Our instructions to the Superintendents are that they should count the bills every fourteen days and check the number with the ledger, but we also require them to check the balances in details, also to check the entries in the ward collection book, and to examine the totals as frequently as possible in order that they may be satisfied that the balances are correct. *Q.*—How often? *A.*—We cannot say definitely how often. *Q.*—Is not the interval too long? *A.*—In the Assistant Superintendents we have more reliable men than in Ward Clerks, and if we cannot trust the Assistant Superintendents, whom are we to trust? *Q.*—What is the amount of bills in the hands of the Ward Clerks? *A.*—There might be only one bill, but that might be for over three or four thousand rupees.

*By Mr. Viegas.*

*Q.*—Do you check the bills as far as the number is concerned or the amounts? *A.*—When there were two Assistant Assessors between all the wards of the City, they could not possibly do more than examine the balances by counting the bills. *Q.*—You found that that left the door open to fraud. *A.*—Yes. *Q.*—Then what measures have you adopted against such frauds? *A.*—Since the detection of the frauds, the Assistant Assessors not only check the number of bills, but check the entries with the bills to the amount of Rs. 100. *Q.*—Do you think that this precaution is reasonable enough to prevent fraud? *A.*—I think so, and with the further audit of the audit department every quarter. *Q.*—Do not the Superintendents and the Assistant Superintendents follow the same procedure, which you said that the Assistant Assessors follow in respect of counting the bills and the number of their amount? *A.*—The Assistant Superinten-

dents are held responsible only for the issue of a certain number of bills and to check them daily. The Superintendents' duty is to see that the whole of the collection work is done regularly, not only by the Ward Clerks, but by the Assistant Superintendents. The Superintendent has to examine the balances of the bills every fortnight and in addition to that he has to examine the details and check them. We cannot lay down any fixed rules for the guidance of the Superintendents because we know that the Superintendents have too much work to do, and to check the balances of the Ward Clerks is no easy work.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—What was that gross neglect of duty which led to the present fraud? *A.*—It has been mentioned by the Commissioner in his report on the defalcations. *Q.*—You were their superior and what do you know, so far as your personal knowledge goes? *A.*—I found that the Superintendents were inefficient, and I pointed out to the Assessor that the work was not done with regularity and that there was so much heavy work in "A" ward that it would be only right in the interests of the Municipality and of these men themselves that they should be transferred to some ward where the work was lighter. *Q.*—And in what respect were they responsible for the frauds? *A.*—I found that they did not inspect the collection books as frequently as they were required to do. I found they were not able to render explanations as to uncollected bills, and when I asked why the bills were not collected, the reason put forward was, that the bills were disputed. When I asked the Superintendents to show the correspondence on the disputed bills, it could not be found. I frequently told them not to let any bills remain uncollected, and when they were aware of any reason why they were not collected, they were to keep a record of it; but my instructions were disregarded. This was an irregularity which ought to be put down and therefore I told the Assessor that the Superintendent of "A" Ward might do in any other ward, but not in that one. I do not say that there was any wilful neglect on their part; the work was too much for them. I want to submit to the Committee that, so far as I am personally concerned, there is a very large amount of work to get through. It was I who pointed out to the Assessor in 1884, after only one

year's experience of my work of Assistant Assessor, that it was impossible for me to perform all the work required of me as Assistant Assessor for the Fort, Girgam and Bhuleshwar Wards. I had far more work to do than I could be reasonably expected to perform, and the only reply I got was, that I could not be relieved until the Third Assistant Assessor was appointed. I also urged the necessity of relieving the Superintendent of "A" Ward of the duty of collecting the taxes on public conveyances.

*By Mr. Blaney.*

*Q.*—Which was the most important, collecting wheel-tax or attending to their other duties? *A.*—It is difficult to say which of them could be neglected and which attended to; but the duty of collecting wheel-tax could not be neglected, as the applicants for licenses crowded the room, and they had to be got rid off, and we had to relieve ourselves of their presence as quickly as possible.

*By Mr. Wacha.*

*Q.*—Do you not think that the present system of inspection of stables involves a deal of labour? *A.*—Certainly. In the *Manual* it is stated that the stable inspection should be done monthly, and the Superintendents are required to do their other work, which it is impossible to do. *Q.*—Are the Ward Clerks able to inspect all the stables in their own jurisdiction? I should like to know whether the Ward Clerks of Girgam Ward are able to inspect their stables? *A.*—I found that in Girgam and Malabar Hill Ward the Ward Clerk had to examine a large number of stables, and he frequently complained to me that it was impossible for him to do the work. *Q.*—Then from what you have heard from the Ward Clerk, this monthly inspection is impossible? *A.*—I do not say that it is impossible. I only know of one instance in which the Ward Clerk said it was difficult for him to go through the inspection. *Q.*—Then do you think that the monthly inspection can be satisfactorily performed? *A.*—Yes. *Q.*—In spite of all the work they have to do? *A.*—Yes, but I want to relieve them of some portion of their work; it is in regard to the keeping of the collection book.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—You stated just now that while doing their proper work, the Ward Clerks could still well do the inspection

work ? *A.*—Yes. Each Ward Clerk has a limited section, and he moves in that section only. What the *Manual* requires is, that every Ward Clerk, when he visits a house, is not only to collect bills, but to inspect the houses, and in seven months, over which time the inspection extends, he will be able to do the inspection work.

*By Mr. Blaney.*

*Q.*—In "D" Ward how many Ward Clerks are there ? *A.*—There used to be six ; now there are seven.

*By Mr. Viegas.*

*Q.*—What is there to prevent the Ward Clerks from making false entries in their inspection book ? *A.*—Inefficient Ward Clerks would do that ; but as the Superintendents and Assistant Assessors have to examine the books, it would be found out if they did not do the work properly.

*By Mr. Wacha.*

*Q.*—Might not the inspection of stables be done every quarter ? *A.*—It would mean a loss of revenue to the Municipality.

*By Mr. Bhalchandra K. Bhatawadekar.*

*Q.*—Were they able to finish the work every quarter ? *A.*—It is not reported that they were not able to do so.

*By Mr. Wacha.*

*Q.*—What is your opinion of the receipt system ? *A.*—I certainly think that the receipt system should not have sprung into existence, and unless the receipt system is done away with, there is no guarantee that frauds may not occur again.

*By the Chairman.*

*Q.*—How would you replace the receipt system ? *A.*—My opinion is, that when the bills are taken by the Ward Clerk to the owners of properties, &c., they should take out of the bills, the details they require and ask the Ward Clerk to call again for payment, or forward the money by cheque to the office in payment of the bills presented by the Ward Clerk. *Q.*—There is difficulty in that being done, as we hear from other sources. Supposing the owners are absent or otherwise engaged, what then ? *A.*—In that case the bill might be presented again, and if that be not practicable, the

Assessor might draw up a memo. giving all the details contained in the bills, and which memo. might be signed by the Assessor or by the Superintendent or the Ward Clerk.

*By Mr. Wacha.*

*Q.*—Now, you say that bills should be presented once only, and if they are not paid, what then? *A.*—The Act requires a single presentation to owners, which ought to suffice. If single presentations were made, and 15 days after presentation the Ward Clerks were to apply for a notice, and then if the bill be not paid, to apply for a warrant, people might feel the hardship; but gradually they would get accustomed to it, and thus the collection work would be done more regularly. In certain cases, the Superintendents or the Assistant Assessors or the Assessor might be allowed to exercise their discretion; but, as a rule, bills should be presented only once.

*Mr. Wacha.*—In Bombay there is a salaried class, a rich class, and there are poor widows who have small incomes and mostly dependent on their dividends, and you may on this latter class demand money when they have none to pay.

*Mr. Blaney.*—I am in favour of giving the one month or six weeks in which to make payments. My experience of payments of bills in Bombay is that the best paymasters are the people who own the poorer class of houses.

*Mr. Balchandra K. Bhatawadekar.*—I think the Committee should make a suggestion in this respect which should be insisted upon.

*Witness.*—In a large department such as ours, it is very necessary that rigid rules should be laid down, and if they appear to be harsh, they might be modified; but unless rules are framed, and unless the rules are rigidly enforced, the work of the department cannot get on.

*Mr. Blaney.*—If our recommendations are passed by the Corporation, I daresay the Commissioner will issue certain rules.

*By the Hon'ble Mr. Fazalbhoy Visram.*

*Q.*—Is an account kept daily of all bills issued and collected in all the wards in the city? *A.*—I know it is done in every ward where there is an Assistant Superintendent, except in F and G Wards.

*By Mr. Wacha.*

*Q.*—Don't you think that some of the forms of the *Manual* might be omitted? *A.*—The system is so ingeniously devised that all the forms have some purpose to serve in either detail, or generally so, that I am not prepared to suggest any modification ; they are so connected that if I take off one link I touch some vital part. In reference to the frauds, I asked the Assessor to issue a circular, and, on my suggestion, an order No. 3, dated 23rd April 1884, was issued (read). I have been noticing grave irregularities in "A" Ward ever since its formation in 1883-84, but they were more noticeable since 1889-90.

*Q.*—Who was the Superintendent at the time when the order was issued? *A.*—I do not know. I anticipated that unless attention was paid to receipts, it would give rise to frauds. As regards the other shortcomings, which may be noticed, these arose from the fact that the books were in the custody of the Ward Clerk, and he manipulated figures very skilfully ; and even after the detection of the frauds, I inspected the books and found that I was not able to put my finger on the places, until my attention was called to them. On the 5th of June I commenced examining "A" Ward, and on the 14th July I came to examine the books of Jamsetji, and, for the first time, I found many irregularities both with regard to old receipts in his hands, as also with regard to bills issued to him months ago, on which no action for recovery was taken, and on account of these irregularities, I wrote a memo. in the collection book, asking the Superintendent to exercise a closer supervision.

*By Mr. Bhalchandra K. Bhatawadekar.*

*Q.*—What is your independent opinion as to whether the provisions of the *Manual* have been carried out in the department? *A.*—No, they have not been ; in some respects we have fallen short of the requirements. The Assessor has drawn up a memo. showing in what respects we were not able to comply with the *Manual*. *Q.*—Then you think that modifications are necessary? *A.*—Yes. *Q.*—I ask these questions because the Rao Saheb mentions that there is no modification necessary.

This concluded Mr. Pherozeshah Rustomjee's evidence and it was agreed to take the evidence of Mr. Sorabji Master

and Mr. Almeida, Superintendents, and Mr. Sorabji Dhunjeebhoy, Ward Clerk, who was lately promoted to an Assistant Superintendentship.

*Mr. Pherozeshaw Rustomjee's evidence continued in answer to Dr. Viegas' Questions.*

I have already answered in writing several of the most important questions, but there were several more, which, owing to my having received them only a few hours previously, I was unable to answer at once, but will do so now if Dr. Viegas wishes them to be answered.

I would, with the Committee's permission, speak as to my duties and responsibilities as Assistant Assessor.

I need not take up the time of the Committee by detailing the measures which I adopted or the part I have had in the detection, for these have been set forth very clearly in the Municipal Commissioner's report, pages 12 to 19.

Prior to May 1890 I was in charge of three of the most important and difficult Wards, *viz.*, Fort and Colaba, Bhuleshwar and Girgam, and Malabar Hill, each of which I visited in turn twice a week, and as there was only *one hour* within which I had to do the supervising work of the Ward Offices, consisting as it did of the checking of the Ward Clerks' balances, examination of their Collection Books, Inspection Register, Wheel-tax Register, Tabulated Ward Reports, Quarterly Wheel-tax Return, it was not possible for me to do more than check the balances of the Ward Clerks by counting the bills only. This was the practice of the Assistant Assessors in all the Wards, and any more detailed examination was simply impossible. I found that the work which devolved on me in connection with the three wards was far more than I could manage with my utmost endeavours ; and I repeatedly asked the Assessor for some measure of relief so far back as 1884. The Assessor, though fully cognizant of the necessity of the position, expressed his inability to do anything until a third Assistant Assessor was appointed.

There was this further serious drawback in the management of A Ward that its Superintendent, in addition to the difficult and responsible duties which devolved on him under the *Manual*, was charged with the work of collecting the tax on public conveyances up to 31st March 1889.

This additional duty which was previously performed by a special officer on Rs. 300 per mensem, left him far too little time to spare for his own legitimate duties as Superintendent. The laxity of supervision hence arising was noticed both by me and the Assessor, on whom I urged during all the time as strongly as possible the desirability of the Superintendent being relieved of this additional work, but he had not the power to interfere with the existing arrangements. The Assessor reported the matter to the Commissioner.

Then came the appointments of Messrs. Rustomji N. Coyaji and Bal Nilaji, whose inefficient control of the ward owing to the exceptionally heavy work they had to do as Superintendents, was frequently brought by me to the notice of the Assessor and the Acting Assessor, and I urged the advisability of their transfer to some ward where the duties were less heavy and complex than in A, and where the failure of duty was not likely to be attended with grave risks.

Notwithstanding all these drawbacks and disadvantages, I spared no pains to make my supervision as effective as possible, and to notice and check irregularities which might be likely to result in frauds.

I perceived, as far back as 1886, that the receipt system might be utilized by a dishonest Ward Clerk for purposes of embezzlement, and I therefore got the Assessor to issue an order, No. 3, dated 22nd April 1886 (copy annexed), to the Superintendent giving strict and detailed instructions as to the procedure he was to follow. I sought as strenuously as possible to enforce this order in A Ward, and the disregard of which in the time of Messrs. Coyaji and Bal Nilaji formed among other things special grounds for my suggesting their transfer to another ward.

The other serious irregularity which I also noticed with alarm was that the Ward Clerks retained receipts for bills for unreasonably long periods for the ostensible reasons that they were disputed, but about which the Superintendents personally knew nothing, although I repeatedly sought to impress on them that they could not be too careful in keeping themselves informed about disputed bills.

I am sorry to have to say this of two good men, both of whom previous to their appointment in A Ward, rendered important service in their respective positions. It was peculiarly unfortunate that they were selected for a post

for which they were both physically unfit, and in which power of control over subordinates and a certain amount of special training were indispensable. I believe they tried to do their best, but they were not fitted for the work.

## APPENDIX.—A.

*Assessor's Order No.* 3, *dated* 22*nd April* 1886.

Superintendent A.

In examining the balances of Ward Clerk, Dorabji Hirjibhai, the Assistant Assessor noticed that he held receipts for no less than seventy bills, that some of the receipts were not dated, and not a few were some months old ; and the only explanation which could be got from the Ward Clerk was that the bills were disputed ones, and were returned by the owners with their letters to the Assessor or the Commissioner.

Please see at once that the clerk obtains bills from the owners or from the office, and that he produces them on the examination of his accounts by the Assistant Assessor which will be on his next visit. Ward Clerks are not to part with any bills except those of public companies.

Under no circumstances are disputed bills to be left with owners, but if they are, in any case retained on receipt, the clerk is to apply for their return not later than a week.

When an owner returns a bill with his letter to the Office, the clerk should *at once* obtain possession of them.

A clerk holding receipt for a bill longer than a fortnight should be called upon to produce the bill forthwith, and on his failing to do so, he should be at once reported to the Office.

The retention of receipts by Ward Clerks for unreasonably long periods should be viewed with suspicion, and *the Superintendent might now and then personally enquire with advantage into the circumstances* under which receipts are held by the Ward Clerks.

R. P. BRUNTON,
*Assessor and Collector.*

*Examination of Mr. Pearson*—continued.
*By Dr. R. N. Khory.*

*Q.*—Over what length of time does your service in the Assessment Department extend ? *A.*—3½ years.

*Q.*—How long did you serve as Superintendent, A Ward ? *A.*—3 years.

*Q.*—Had you any experience of the working of the *Assessment Manual* before you were appointed Superintendent ? *A.*—No.

*Q.*—Do you think that the *Manual* is perfect ? *A.*—I have already answered these questions.

*Q.*—If not, what do you look upon as the weak points in it ? *A.*—Please see my replies which have been laid before the Committee.

*Q.*—Were the instructions in the *Manual* neglected, and why ? *A.*—Yes. First, because the work prescribed in the *Manual* was more than one man could do. Second, because work other than that prescribed in the *Manual* had also to be done. I refer to the collection of the wheel-tax on Public Land Conveyances, and I would ask the Committee to peruse my letter, dated 18th May 1886, (a little over a month after I had first been appointed Superintendent, A Ward), and also my letter, dated 3rd June 1887, both addressed to the Assessor and Collector.

*Q.*—Were they observed in the time of your predecessors ? *A.*—I am unable to say.

*Q.*—What is your opinion based on actual experience about the transfer system? *A.*—I have previously stated that I am of opinion that the transfer system should be done away with, and I may now add that the transfer of bills which are in A Ward at the close of a year is stopped, until after the Municipal Auditors have checked the balances, a period of between 3 and 4 months, and that it is the duty of the Ward Clerks during this period to collect these bills, no matter what Ward they may have to go to for this purpose.

*Q.*—By whom are the entries of the bills collected, transferred, and recalled in the Ward collection books made ? *A.*—By the Ward Clerks.

*Q.*—Are the Superintendents required to check them ? *A.*—Yes.

*Q.*—Do you think it is desirable that bills should be allowed to be lodged with rate-payers on receipts ? If not,

explain how the system is liable to be abused, and what do you suggest as the remedy? *A.*—Yes, with Companies, Firms, &c., and people well known. This is a matter which, I think, should be vested in the discretion of the Assessor.

*Q.*—What is your experience about the length of time for which the bills lodged on receipts are not paid by the parties? *A.*—It all depends upon circumstances. If a bill is disputed, it might take months before payment is made; so also again with parties insolvent.

*Q.*—Did you at any time inquire from the owner of bills of large amounts as to their reasons for detention? *A.*—I did.

*Q.*—Did you ever go to them with their receipts for payment when the time became overdue? *A.*—I did.

*Q.*—Has the receipt system been of several years' standing? *A.*—It is a part of the *Manual.* See Form 13 of the Appendix.

*Q.*—What is the check over the Ward Clerk in case he continues to show the bill as outstanding by showing the receipt, even though the bill be paid, and the receipt either not returned to the party or forged? *A.*—Unless the Superintendent personally enquires into each case, there is no check on the Ward Clerk during the period the bill is on receipt.

*Q.*—What are the Standing Orders with regard to the issue and recovery of bills? Are they written orders, and are they the same as are laid down in the *Manual*? *A.*—The Standing Orders are those laid down in the *Manual.*

*Q.*—Is there anything like a daily diary of the bills issued and collected? *A.*—Beyond the daily remittance reports, no diary was kept when I was Superintendent.

*Q.*—Has the actual balance of bills in the Ward Clerks' hands at any time been checked bill by bill with the total amount and number in his ledger, and with the uncollected entries in the collection book? *A.*—Yes.

*Q.*—Is there a separate registry for disputed bills with a view to calling them up from time to time? *A.*—No pukka registry was kept, but from time to time lists of disputed bills were prepared.

*Q.*—Is each and every entry in the collection books of bills collected, transferred, and recalled, checked, and by

whom ? *A.*—No. It is impossible to check *every* entry in the collection book.

*Q.*—Has the system of receipts rendered it possible for the Clerk to keep the amount collected for his own use ? *A.*—It has ; but if bills are to be recovered, you cannot do away with it. To a dishonest person it makes no difference, for if the receipt system is abolished, he will find other ways of gaining his end. What is required is greater vigilance over the receipts.

*Q.*—Are there instances of similar misappropriations practised during the time of your predecessors, and how far back can those misappropriations be traced ? Are these misappropriations verified and reported by the Assessor and Collector to the Commissioner ? *A.*—I am unable to answer these questions.

*Q.*—Has the system of not checking a Ward Clerk's balances bill by bill with the collection book, and as regards both number and amount with the ledger, led to the commission of fraud ? *A.*—Had the bills been checked bill by bill with the collection book, &c., at frequent and fixed periods, there would not have been the wide door open there was for the commission of fraud.

*Q.*—What is the general practice about making of entries in the collection book of the transfer of bills? Is it done by the Ward Clerk ? *A.*—Yes.

*Q.*—If so, has it ever been checked by either the Superintendent, the Assistant Assessor, or the Assessor with the bills, before the latter are transferred? *A.*—Occasionally the Superintendent checks an entry of transfer with the bill, but it is not done as a rule. Even if all the entries of transfers were checked in the collection book at the time such transfers were made, yet a Ward Clerk making an entry of a fictitious transfer would escape detection.

*Q.*—Is there any detailed account kept in the Ward of such transferred bills? *A.*—None except the general entries in the check ledger.

*Q.*—Are fictitious entries of retransfer in the Ward Clerk's collection book against large bills possible under the present system ? *A.*—Yes.

*Q.*—Who are responsible for these irregularities? *A.*—The Superintendent, the Assistant Assessor ; the Assessor would, under ordinary circumstances, be considered responsible.

*Q.*—Could you have exercised any control over them ? *A.*—As already stated I had not the time to do so owing to the work I had to perform (See my letters of 1886 and 1887 quoted above).

*Q.*—Could the Head Office have done so? *A.*—I am unable to answer this question.

*Q.*—Will you explain what check, under the existing conditions, there is upon the commission of fraud by a fortnightly return of the collections ? *A.*—The entries in the fortnightly returns should correspond with the entries in the Head Office books ; but as the entries in the fortnightly returns are not compared or checked with the bills in hand, there is practically no check.

*Q.*—Did the Assistant Assessor examine once in every quarter the records of your Office as required by the *Manual* ? If so, did he ever ascertain that the several books were punctually and correctly written up ? *Q.*—The Assistant Assessor visited the Ward Office twice a week for the examination of bills and books, &c., but there was no regular quarterly examination.

*Q.*—What system did the Assistant Assessor or the Assessor follow when on their tour of inspection as regards checking balances in the collection book ? Did they check them bill by bill as regards number and amount and compare them with the ledger? *A.*—The *number* of bills and receipts for bills in hand were counted and compared with the outstanding balance in the check ledger. No ; but some of the bills (taken at random) appearing as outstanding in the collection book, were asked for and compared.

*Q.*—Were you at any time directed either verbally or in writing by your superiors to enforce instructions in the *Manual* as regards collection of bills ? *A.*—It was always stated that the instructions in the *Manual* should be followed, although it was known that those instructions could not be carried out.

*Q.*—Will you briefly enumerate the duties of your office, both out-door and office work, also the duties of your staff ? *A.*—These duties have already been stated to the Committee.

*Q.*—Is the work in A Ward very heavy ? And why ? *A.*—Yes, on account of the great number of bills transferred from other Wards. All the Government, Railway

and Port Trust bills are also collected in A Ward, and the correspondence is consequently very heavy. While I was Superintendent, the collection of the wheel-tax on public land conveyances occupied the greater part of my time in the Ward Office.

*Q.*—What staff had you to assist you in your Ward? Was it sufficient? *A.*—7 Ward Clerks; 1 Office Clerk. No.

*Q.*—Do you think if you had an Assistant Superintendent that would have helped you in detecting the fraud? *A.*—Yes.

*Q.*—Is it true that you had no Office Clerk for some weeks? Did you experience any difficulty on that account, and how did you meet it? *A.*—Whenever the Office Clerk was on leave, even for a day, it was most inconvenient. His work during his absence was done either by myself or by one of the Ward Clerks.

*Q.*—When were you transferred to the Assessment Department? *A.*—11th April 1886.

*Q.*—How long did you work as Superintendent of A Ward? *A.*—3 years.

*Q.*—What is the usual time of the year when the summary is prepared and sent in to the Head Office? *A.*—At the close of the official year.

*Q.*—Were you in charge of A Ward when the summary was prepared? *A.*—Yes, when I was Superintendent of A Ward.

*Q.*—If you had charge of the A Ward at the time the summary was prepared, would it have enabled you to detect the fraud if any existed, and how? *A.*—If the number and amount of each bill in hand was compared with the number and amount of each bill shown as outstanding in the collection book, and found correct, and if the totals of the numbers and amounts of the bills tallied with the entries in the check ledger, the accounts would presumably be correct. But if the "Receipts for bills" were forged, detection would not necessarily follow.

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*6th February* 1891.

*Mr. Sorabjee Bomonjee Master, Acting Third Assistant Assessor, Superintendent of E Ward, examined by Mr. Dinshaw E. Wacha.*

*Q.*—What is your own idea of the assessment work as carried on under the *Manual*? *A.*—My own idea is that the Ward Clerks cannot do the work. For instance, Mr. Sorabji Dhunjibhoy (the Assistant Superintendent) was a Ward Clerk for over 10 years, and he had in his Ward 1,400 properties to inspect and 2,300 bills to collect during the year. On an average, he had to inspect fourteen properties a day and to collect fifteen to twenty bills, which was impossible for him to do. *Q.*—Was he able to do justice to his work? *A.*—No. *Q.*—Then your opinion is that the inspection work should be separated? *A.*—Yes; if it is to be done efficiently, one man cannot do both works.

*By the Chairman.*

*Q.*—Do you think the department should be increased? How would you propose to do the work? *A.*—Under the *Manual*, the inspection work should be finished during the year, that is, the Ward Clerks must take twelve months to finish the inspection; but the Assessor requires us to finish the work within seven months, which the Ward Clerks cannot do. *Q.*—Then in your opinion the Ward Clerk is scamping his inspection? *A.*—Yes.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—Suppose each Ward Clerk had to do one work exclusively, do you think he would be able to do the work better? *A.*—Yes; he would be able to devote more time to inspection and likewise to collection. If the inspection was separated from the collection, one Ward Clerk would have to devote his time to inspection and the other to collection. *Q.*—Do you think that the separation of the inspection from the collection would entail the employment of extra establishment? *A.*—Not more than a Clerk or two in each Ward.

*By Mr. Cotton.*

*Q.*—If we did divide the collection from the inspection, and if we did not increase our establishment, the Collector

and Inspector would have twice the area to work in? *A.*—Yes. *Q.*—With the same cost do you think you would be able to carry out this form of work? *A.*—Yes; with the addition of one or two Clerks, and the work would then be better done.

*By Mr. Dinshaw E. Wacha.*

*Q.*—For the pay of an additional Clerk, we shall be gaining a somewhat better revenue? *A.*—Yes; and by more accurate inspection, we shall get more revenue.

*By Mr. Cotton.*

*Q.*—Suppose we divide this room into two wards. Here, a Ward Clerk is in charge of one-half of the room and another Clerk in charge of the other half. At present, say, "A" has so many properties to examine in this half, and he has at the same time to collect something from such properties, whilst the second man or "B" has to do the same thing in the other half. Now I understand your proposal to be that these two men should be so arranged that "A" should only inspect the room and that "B" should only collect the money in the room, which proposal Rao Saheb Tapiprasad does not agree to. *A.*—The *Manual* contemplates that the Ward Clerk shall collect the bill of the same property which he inspects, which the Ward Clerk cannot do; in fact, it is impossible for him to do so. For this reason, he commences inspection work from a certain property; now the owner of that property may be living in another end of the ward, the Ward Clerk cannot therefore collect the money in the house he inspects; consequently, after inspecting the property he has to go somewhere else for the money. *Q.*—What is the percentage of people who do not live in the house for which they have to pay? *A.*—Nearly 50 per cent. I speak from personal experience. I leave it to you, gentleman, to imagine whether, under the circumstances, it is possible for one man to inspect about fourteen properties and then to collect bills from other houses the same day.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—As there are many mills in your part of the town the number of buildings must be smaller than in other wards? *A.*—Yes.

[It was agreed that the Commissioner be asked to furnish a statement showing the percentage of persons who own more than one property, and who pay their bills in one of the houses in which they live, taking all the wards.]

*Q.*—Now what are your proposals? *A.*—I would suggest that if in one ward there are ten Ward Clerks, five might be entrusted with the inspection work and the other five with the collection work, or that one more Clerk may be added ; in this way the area of the section will be doubled. *Q.*—And you also said that the Municipal revenue would be improved by such arrangement? *A.*—Yes, in my own opinion. If we entrust the collection to five men and the inspection to the other five, the result will be, that instead of one man, two men will have a knowledge of that section. Further, as is the case now, if a Ward Clerk goes on leave or is sick, the work of his section remains in arrears and is neglected ; but if two Ward Clerks are attached to one section, in case of one going on leave, or going ill, the other man will be able to do his work. Both the Ward Clerks will have to furnish security. I would also suggest that the Inspector and Collector should take work, turn and turn about, that is to say, the Ward Clerk who has been an Inspector for one year, should be the Collector the next year.

*Q.*—Why? *A.*—I presume that whenever the inspection work was to be finished by a certain date, the Ward Clerk, instead of going to inspect the property, would sit at home, and from his previous knowledge enter in his field book the inspection or particulars of properties which he had not inspected. But if the two men were given different duties every year, the Collector being Inspector one year and the Inspector Collector next year, they would not be able to make wrong entries ; because the Ward Clerk, who is a Collector this year, would not have a full knowledge of the house he is supposed to inspect as Inspector, and therefore he would have to inspect the property before he entered it in his field book.

*By Mr. Cotton.*

*Q.*—Do I understand you to say that these entries are made from idleness, or because the men have no time to inspect the properties? *A.*—Because they have no time to

do the work. Even the most hard-working man cannot help doing what I state.

*Q.*—Do I understand you to say, then, that you suggest the changing about of the duties of the Inspector and Collector every year, because you have presumed the Inspector, through over-work, fails to go through the inspection, and enters in the field book certain inspections which have not actually been made? *A.*—Yes. *Q.*—But by this change will the Collector be better able to do the work which the Inspector cannot do now? If you change the Collector and put him in the place of the Inspector, the Collector will not be able to write up his books for the want of knowledge? *A.*—He will not have the collecting work to do, only the inspecting work then. *Q.*—I understood the Rao Saheb to say that this system had been tried and failed? *A.*—But at that time there was no annual inspection of properties. The valuations were revised every three or four years only. When a special staff was appointed to inspect the properties, and they did the work as they liked, being only temporary hands.

*The Chairman.*—And it was thought that some of the agency employed were corrupt.

*By Mr. Viegas.*

*Q.*—In cases where the owner live on their premises, why cannot the Ward Clerk on inspection present the bill for collection? *A.*—The *Manual* contemplates the inspection work being done in consecutive order, and therefore we cannot for the purpose of collection inspect at random.

*Mr. Almeida, Superintendent, F Ward,* on being questioned by the Chairman as to his opinion on the questions answered by Mr. Sorabjee Bomonjee Master, stated that he entirely agreed in the opinion that the inspection and collection work should be separated.

*By the Chairman.*

*Q.*—What are your reasons for thinking that the inspection might be separated from the collection with advantage to Municipal revenue and greater completeness of inspection? *A.*—Suppose the Ward Clerk of D Ward had to inspect a certain property at Malabar Hill on a certain day,

and at the same time he was called to receive payment of a bill at Chaopati, he would have to forego either the inspection or the collection.

*By Mr. Dinshaw E. Wacha.*

*Q.*—Might it not happen that whilst he is inspecting the work at Chaopati, he will be able to collect money there? *A.*—No. There are certain people at Malabar Hill who say that they will pay their money on a certain day. The Ward Clerk will therefore have to leave one place to go to another. If the Ward Clerk has only to inspect properties, he will be able to do so in the morning and again in the afternoon ; but if he has to collect money, he will have to attend the office in the afternoon. *Q.*—You speak from experience of two wards, and you find that sometimes both the inspection and collection work are delayed? *A.*—Yes.

*Mr. Sorabji Dhunjibhoy, Assistant Superintendent of C Ward, formerly Ward Clerk, examined.*

*The Chairman.*—*Q.*—What is your experience of the collection and inspection work? *A.*—My experience is that, when I have to go for inspection, there is some appointment for collecting money, and the inspection has to be given up.

*Q.*—In how many wards have you been employed? *A.*—In E Ward all the time. *Q.*—Supposing you were transferred to the Bhuleshwar Ward, would you be able to do the work there equally well? *A.*—It is a much larger ward, and I will not have the experience of that ward which I have of E Ward where I have been 24 years. *Q.*—On an average how many extensions, enlargements and new buildings are there every year in E Ward? *A.*—About 20, 30, or 50. *Chairman.*—*Q.*—And stables? *A.*—I have about 150 stables, and almost all the residents are Europeans, which makes the work very troublesome.

*By Mr. Dinshaw E. Wacha.*

*Q.*—Have you to inspect the stables every month under the *Manual*? *A.*—Yes. *Q.*—The most troublesome part of your work is inspection of stables? *A.*—Yes. The collection and inspection work should be separated.

*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—Have you to do the inspection work of both houses and stables? *A.*—Yes.

*By Mr. Viegas.*

*Q.*—In how many cases have you been able to inspect and collect bills at the same time? *A.*—In very few cases. *Q.*—What is the percentage? *A.*—About 20 per cent.

*Mr. Sorabji Bomonji Master re-examined.*
*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—I believe the present practice is that in cases where owners say that they will pay the bill next time, you leave the bill with them. Is that so? *A.*—No; we do not leave the bills with them.

*Q.*—Is it customary in other wards to leave the bills with the owners of properties? *A.*—No; it is not customary to do so, except in cases of Joint Stock Companies. *Q.*—And not in the case of other private property-owners? *A.*—We have orders not to leave bills with any body except in the case of Joint Stock Companies who require time to examine them. *Q.*—How long since have these orders been issued? *A.*—For the last ten years.

*Q.*—Then you say that in the case of Joint Stock Companies you leave the bills. Do you leave them at the Mills or at the Offices? *A.*—We leave them at the Mills.

*Mr. Almeida*, on being re-questioned, stated that his experience was the same on this point as Mr. Sorabji B. Master.

*Mr. Sorabji Dhunjibhoy*, on being re-questioned by the Chairman, stated that he has orders not to leave any bills with private owners and he never does so.

*Mr. Sorabji B. Master*, in reply to the Chairman's question, whether witness had any objection to leaving bills with Managers of Joint Stock Companies, said: yes, since the defalcations, because the Managers of Joint Stock Companies do not take the trouble of asking for the receipts back again.

*Examination of Mr. Sorabji B. Master*—continued.
*By the Hon'ble Mr. Javerilal U. Yajnik.*

*Q.*—What is your opinion about the transfer system? *A.*—If the inspection and collection work is separated, I would do away with the transfer system. *Q.*—Assuming your proposal to divide the inspection and collection were carried out? *A.*—Then the transfer system should be done away with, because the Collector could go anywhere he likes to collect bills. For the first four months of the year when the summary has to be checked by the Auditors, the transfers are closed and the Ward Clerks go to other wards to collect bills.

*The Chairman.*—I think that this evidence is most important.

*Mr. Sorabji B. Master*, continuing, said: I have mentioned in my report that the Ward Clerks should not be allowed to handle their collection books. At present there is nothing to prevent the Ward Clerk from making a false entry in the collection book; for instance, he might collect a bill to-day and appropriate the money to his own use; in the transfer column he might say "transferred" to a certain ward and put a certain date. The Superintendent is not in a position to detect the fraud at once.

*By Mr. Cotton.*

*Q.*—If the Corporation were to adopt your system of separating the inspection from the collection, would you still insist on these Ward Clerks not being allowed to handle the books? *A.*—Yes. The man who collects money should not be allowed to handle the books.

*By Mr. Dinshaw E. Wacha.*

*Q.*—What is your experience of the practical working of the *Manual* so far as it appertains to the Superintendents? *A.*—So far as my experience goes, the work of the *Manual* is too much for any Superintendent to do.

*Mr. Dinshaw E. Wacha* informed the Committee that in accordance with their wishes he had made an inspection of the Assessment books, having passed two mornings with Mr. Brunton for that purpose.

APPENDICES.

## APPENDIX C.

No. $\frac{A}{1893 8}$ OF 1890-91.

FROM THE MUNICIPAL COMMISSIONER
for the City of Bombay,

TO THE MUNICIPAL SECRETARY.

BOMBAY, *24th September* 1890.

SIR,—I regret to have to report, for the information of the Standing Committee and Corporation, that defalcations to the extent of Rs. 31,809-4-6 have been discovered in the books of Ward Clerk Jamsetji Muncherji, of **A** Ward, and he is believed to have misappropriated the whole amount to his own use. The fact was first discovered on the 23rd ultimo, when Mr. Atmaram Motiram, the recently appointed Superintendent of the Ward, mentioned to the Assessor and Collector on the occasion of his visit to the Ward Office, that he was not satisfied as to the correctness of the Ward Clerk's accounts. Mr. Pearson thereupon sent for the Ward Clerk and proceeded to compare his ledger with the bills actually in his possession. The former showed a balance of 61 bills for the year 1889-90 amounting to Rs. 20,044, while the totals of the bills actually in hand, and which were also 61 in number, amounted only to Rs. 6,687-1-1. The Ward Clerk confessed on the spot to Mr. Pearson that he had appropriated the difference, Rs. 13,356-14-11, to his own use. On my arrival in Office, Mr. Pearson met me and told me what had occurred. The Ward Clerk was seated in the **A** Ward Office, in the basement of the Municipal building, and at my desire came up to my room with Mr. Pearson. There he repeated his confession to me, which I took down in writing, and subsequently handed to the Municipal Solicitors, who have, of course, by my orders, proceeded against him criminally, and he has since been committed for trial on six distinct charges of breach of trust as a public servant, under Section 409 of the Indian Penal Code. He came up for trial at the September Sessions, pleaded guilty, and was sentenced by the Hon'ble Mr. Justice Telang to rigorous imprisonment for three years.

2. A searching scrutiny has been, of course, applied to the books of this Ward Clerk and of **A** Ward, and it has been ascertained, as I have said, that a sum of Rs. 31,809-4-6 has altogether been misappropriated. The different acts of embezzlement have extended over the period between 8th June 1889 and 19th August 1890, the last having occurred only four days before detection.

The questions at once arise, how it has been possible for a Ward Clerk on Rs. 35 a month to possess himself of so large a sum within a period which, considered in reference to the extent of his frauds, is short, but must conversely be regarded as exceedingly long when we remember the elaborate system of check and counter-check which is set forth in the manual that guides the department, and which during those 14 months he had to elude if he was to be safe; whether his success is due to any imperfection in the system which the manual has established, or to any laxity in the application of that system on the part of the department concerned, or lastly, to collusion, idleness, ignorance or stupidity on the part of the officers appointed to supervise the Ward Clerk's work, and the manner in which he discharged his duties. On all these points the Corporation will require full and detailed information, and I will therefore now address myself to them, premising that the importance of the subject, as well as the necessities of the case, will compel me to enter into a degree of detail, which will occupy some time and space in the relating.

3. The duties of a Ward Clerk divide themselves into two categories—collection and inspection—and each involves some amount of work at the Ward Office. With a Ward Clerk's inspection duties we have nothing to do in the present case, except so far as they affect the consideration of the general question, which I shall deal with later on in this report, whether the Ward Officers have time for the work they are set to do. It is with his duties as a Collector of Municipal Rates and Taxes that we have at present to deal.

All bills for rates and taxes are prepared in the Assessor and Collector's Office. When the proper time arrives they are despatched to the different wards concerned, and at the beginning of a half-year, the number so despatched, particularly to rich and thickly populated wards, such as **A** Ward, is very large, amounting to several thousands at a time. Before bills are issued from the head office, an entry, showing the serial number, the date and the amount of each bill, the period to which it relates and the rate or tax on account of which it is preferred, is made in the bill-book; and in the ledger relating to the ward to which the bills are issued, are shown the numbers of them that are being despatched, with the totals of their demands under each head of assessment, together, of course, with the date of issue, thus:—

| Date. | Item. | No. of Bills. | General Tax. | Water Tax. | Halalkhor Tax. | Total Property Taxes. | Wheel Tax. |
|---|---|---|---|---|---|---|---|
| 1890. | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| 1st April .. | Bills issued as per Bill-book. | 26 | 2,582 12 10 | 413 8 11 | 454 2 6 | 3,450 8 3 | .... |

A copy of this entry (Advice Note, Form 9 A) accompanies the bills, and is delivered with them to the Ward Superintendent.

As soon as the Ward Superintendent receives a batch of bills

"from the Head Office with the Advice Note, Form 9 A, he will, with "the assistance of his office clerk, see that the number and amount "of the bills mentioned in the advice correspond with the number "and amount of the bills actually received by him with it, and, on "being satisfied that they do, he will endorse the advice in the way "shown in the form and return it to the Head Office without delay. "He will then sort the bills according to the several sub-wards and "see that they are forthwith registered in the first four columns "of" Form No. 16 (Ward Collection Book), "columns 6 and 7 "being written up at the same time. This registering must be "done in the presence of the Ward Superintendent, in whose "custody *all* bills must remain until they are registered. When "the whole batch is thus brought on the Collection Books, the "Ward Clerk and the Ward Superintendent must affix their signa- "tures at the foot of the entries. The same process will be repeated "each time a batch of bills is received, and the Ward Superintend- "ent will be held responsible to see that the whole of the bills for "which he furnishes a receipt to the Head Office as above, are cor- "rectly brought on the collection books of his office."

"The work of collection must then proceed by the Ward Clerk, "taking out as many bills as he can present for payment at a time "and by accounting for them on his return to office. The Ward "Superintendent will be held strictly responsible for seeing that "no greater quantity of bills is issued from his office on any one "day to each Ward Clerk than the Ward Clerk may be reason- "ably expected to serve in the course of one day, or, if they "are issued in the evening, than he may be reasonably ex- "pected to serve in the course of the next forenoon. He must "likewise see that, when the Ward Clerk next returns to office at "the appointed hour, he accounts for the bills taken out, either by "the production of the bills themselves, or by the production of "their equivalent in cash" (Manual of Municipal Assessment Accounts. Remarks on Form 16, p. 152). The essence of the latter part of these orders is that low-paid Ward Clerks shall on no account be allowed to retain custody of bills issued to them, but that the comparatively highly-paid Ward Superintendent shall every day personally enforce their accountability for the small daily quantity handed over to them and repossess himself of bills, including receipts, which they have been unable to collect. The word receipts in this connection requires explanation. It is generally necessary, where bills are issued for large amounts, to leave the bill for a few days in the possession of the party against whom it is issued, in order that it may be scrutinized previous to payment. In such cases, when the bill is left, a receipt for it is taken on a regular printed form, and this receipt is the Ward Clerk's voucher in place of the bill itself to show that the latter has not been collected. Now I find that the standing orders prescribing the Ward Superintendent's responsibilities in connection with the custody of bills and receipts have never been complied with in any ward. Instead of issuing to each Ward Clerk, day by day, exactly the number of bills which he may be ex-

pected to be able to collect in a day, and receiving back from him, day by day, the balance of uncollected bills, including receipts, or cash to the extent of the bills which have been collected, the practice of every Ward Superintendent has been, as soon as a batch of bills has been received from the head office and entered up in the ward books as required by the manual, to hand over to each Ward Clerk the whole number relating to his sub-ward or section, and never receive any of them back from him at all. At every Ward Office there is a cupboard with a Chubb lock, and in every cupboard each Ward Clerk has a drawer, in which the bills and receipts of his own sub-ward or section are kept. The key of the cupboard is kept by the Superintendent. There are two keys to each drawer, one of which remains with the Superintendent and one with the Ward Clerk. When the Ward Clerk wants to get to his bills, he asks the Superintendent for the key of the cupboard, and is left to do as he likes with them—to take them or any of them out, and replace them, without any control or supervision whatsoever on the part of the Ward Superintendent.

The Corporation will see at once that all this is in direct contravention of the orders contained in the manual, but the system has always existed to the full knowledge of the whole department—whether to the knowledge of the Commissioner or not, I cannot say. There were very strong reasons in favour of it, or rather rendering it inevitable.

The Ward Superintendents and the Assistant Assessors cannot therefore be held blameable for pursuing a practice which they pursued or allowed to be pursued with the full knowledge of their superior officers. I shall refer further on to the question of responsibility, but will say here, what I shall elucidate in greater detail as I proceed, that this departure from the recorded standing orders of the department has been a most important factor of contribution to the success with which the frauds were for many months kept secret.

4. One of five things must happen to every bill received in a Ward Office. It may be—

(1) paid on presentation or paid after enquiry or dispute when a receipt is obtained for it.
(2) paid after notice of demand (section 202).
(3) recovered by distress (section 203).
(4) transferred to another ward.
(5) sent back to the head office for cancellation.

When a bill is paid, a receipt is endorsed on it, and it remains with the payer. The Ward Clerk notes in his field-book the number and amount of the bill, and on his return to office he posts up "the proper collection columns of the Ward Collection Book from "the notes in his field-book, and simultaneously prepares a list "of the bills collected in Form 9 B." (Ward Superintendent's Remittance Report) "which he totals and signs. The cash "and list are then submitted by him to the Ward Superintendent, "who checks the entries in the list with those in the Collection

"Book, and the total of the list with the cash produced, and when "he is satisfied that they all correspond, signs the list, which is "sent as his Remittance Report with the cash in safe custody "to the head office." (Manual, p. 154). If the cash entries and cash remitted failed to correspond with the amount recoverable under the bills of which the numbers were given, the fact would be immediately discovered in the head office, even though it had escaped the notice of the Ward Superintendent. Nor should a Ward Clerk be able to appropriate the amount of a large bill and pay in, in lieu of it, the amount of a small bill, because when a bill is paid, it is parted with, and he would have nothing to show as a voucher when called on, as he ought to be called on, to produce either his bills or the money for them, unless he produced a forged voucher. To produce a forged bill would not be easy, even if blank forms were got hold of, as they are all stamped with the Assessor and Collector's signature, but there is no such obstacle in the way of producing a forged receipt. Forms of receipts are, of course, at the command of every Ward Clerk, and he has only to fill in entries and forge an imaginary signature, which the Ward Superintendent cannot be expected to detect, as it is impossible that he should know the hand-writing and signature of every large tax-payer or agent of such tax-payer in his ward. It does sometimes happen that tax-payers are careless about demanding back receipts for bills when they pay the bills themselves, and in such cases the Ward Clerk has his voucher ready to his hand. But as a general rule, the receipts are taken back, and then the Ward Clerk must, temporarily to secure himself in the possession of the amount, resort to forgery, and this is what has been done in the present case. Forged receipts for bills of large amounts have been prepared, and exhibited, and passed as vouchers, not only by the Ward Superintendent but by the Municipal Auditors themselves. The immediate natural inference will be that a system, which admits of such possibilities must be a faulty one, but without pausing on the rejoinder that no system that ever was, or ever will be, devised can provide a complete safeguard against forgery, I may point out that the practice I refer to would have been too hazardous to adopt, if the Ward Superintendent had, in accordance with the standing orders on record in the manual, day by day taken note of the bills and receipts in the possession of the Ward Clerk. If he had done so—it is true he would none the less have been deceived by the forged receipt, but—and this is the point of real significance—he would have had his attention directed twice in every 24 hours to the fact that these large amounts were outstanding and must, on the hypothesis that he possessed common energy and common intelligence, have instituted and pushed home very inconvenient enquiries as to the reason. The fraud must have been blown up in a few weeks, unless there were some very exceptional reasons extant to account for the persistent non-payment of bills on the part of wealthy individuals. Now it is the fact that during many months of the period covered by the frauds under report, there were such reasons, and the

Corporation are well aware of them. They know that last year the disputes on the subjects of water and halalkhore taxes were exceedingly numerous and prolonged. The time therefore favoured the plausibility of the reason which would be, and in one or two cases in which enquiry was made after scrutiny of the Ward Collection Book, actually was, given for the failure to bring the amount of the bill to account; and the Ward Superintendent would be, on the hypothesis that he did enquire every day why the amounts were not recovered, which of course he did not, less blameable than he would have been before or since for accepting this excuse as natural and reasonable for a length of time for which he would not otherwise allow it to postpone investigation. After making, however, the fullest allowance for the peculiar circumstances, which, it is to be borne in mind, prevailed during a part only, and not the whole of the period covered by the frauds, I have no hesitation in saying that they would not have sufficed to exonerate the Ward Superintendent, had he been constantly reminded that the bills referred to were outstanding, as he would have been, if standing orders as to the daily issue and recovery of bills had been attended to. Owing to the neglect of these orders, which is not to be attributed as a fault to the Ward Superintendent, for his superiors knew they were neglected and acquiesced in the circumstance—he was never reminded of the outstandings with any emphasis. If he noticed them in looking through the Ward Collection Book, he noticed them casually and at long intervals, and they were never pressed on his attention. The consequence was that the Ward Clerk, as far as supervision on the part of the Ward Superintendent was concerned, was unchecked.

5. The transfer of a bill to another ward terminates the responsibility in respect of that bill of the Ward Officers by whom it is transferred. Such transfers are frequent. The owners or agents of many mills, for instance, have their mill in one ward and their place of business in another. The bill must be issued in the first instance to the ward in which the property against which it is charged is situated. On its being ascertained that the place where the financial business of the mill is transacted is in another ward, the bill is transferred to that ward. The transfer is effected thus: The Superintendent of the ward to which bills requiring transfer have been issued in the first instance from the head office, fills in the particulars relating to them with the date of their receipt from the head office in his own Ward Collection Book, and enters, in an "Advice Note" which is given as Form 9 A in the manual, the total number which he is transferring, with their amounts under each head of demand. He then forwards the bills with the advice to the Superintendent of the receiving ward and the latter on receipt compares them with the advice note; on finding that the number and amount correspond, signs an acknowledgment under the advice and returns it to the transferring Ward Superintendent, who then writes them off his own Bill-book or Ward Collection Book (Form No. 16 is called indifferently by both names) by filling in two columns headed "Bills transferred

to other wards, Date, Name, Amount," and despatches the advice to the head office, where the bills are adjusted under their proper heads.

6. Having thus cleared the ground by a description of the method in which bills for collection are treated, sufficiently at least to render comprehensible the details relating to the present case, which I have to lay before the Corporation, I will take the latter *seriatim*, and describe as exactly as I can the means which were resorted to by the Ward Clerk to conceal the frauds which have been committed. Six tabular statements are appended to this report, four of which, Nos. 1, 3, 4 and 5, give details of amounts which have been embezzled, and two, Nos. 2, and 6, details of bills for small sums which were liquidated by the Ward Clerk out of his own pocket for purposes which will be elucidated as far as possible as I proceed. I will first take Statement No. 1. This shows 6 bills, all for 1889-90, four of them for water-tax by meter and two for general tax, and all of them against mills. From column 17 of the statement it will be noticed that all but one of them have been entered as retransferred to other wards. The first item of all is a charge of Rs. 3,258-12-0, relating to the last quarter of 1888-89 for water-tax by meter against the Manekji Petit Spinning and Weaving Mill. It was received in **A** Ward by transfer from **D** Ward on 11th May 1889, and presented according to the Ward Clerk's Field Book, and the Ward Collection Book, on 8th June 1889. On that day, it has been since ascertained, it was duly paid. No receipt therefore was ever given for the bill, as receipts are only given when a bill is detained. The Ward Clerk, therefore, was left without a voucher to exhibit to any one enquiring, on inspection of his books, why the amount of the bill had not been collected. I need not say that he did not show the bill as paid in his Ward Collection Book, as that would have rendered it necessary to account for the money. He therefore forged a receipt. At the end of the year it was his duty, like other Ward Clerks, to transfer to the new Ward Collection Book to be opened with the new year, 1890-91, all outstandings from the old year. This he did, and the outstandings were scrutinized item by item by the Municipal Auditors, and vouchers, in the shape of bills or receipts, called for and produced to account for them. The receipt in question was produced among others and bears the blue pencil initial of one of the Municipal Auditors, Mr. Ardesir Framji Moos. It is superfluous to observe that it was no part of Mr. Moos' duty to enquire *why* the bill had not been collected. All he had to do was to see that, if it remained outstanding, a voucher was extant to account for it, and this he did. The Ward Collection Book of 1889-90 does not, however, show the bill as outstanding at all. On the contrary it is shown as having been retransferred to the ward from which it was issued on 25th June 1889, and there has also been a palpable erasure of the figure 3 from the amount of Rs. 3,258, so that the sum shown is Rs. 258-12 instead of Rs. 3,258-12. Whether this erasure was

made before or after the Municipal audit, is questionable. If at the time of the audit the receipts and bills had been compared with the old books, those of the past year, as well as with the new books, and the entry had been tampered with, detection would have been certain. The inference from this would be that the erasure was not made until after the audit. On the other hand the bills and receipts are never actually compared by the Auditors with the entries in the old books, and the risk of discovery on this account was infinitesimal while the risk of showing such a large amount as outstanding from June to March, was considerable, as the amount was likely to attract notice. The stronger presumption, therefore, is that the erasure was made at the time of, or soon after, misappropriation. There is, however, some reason to believe that the false entry, showing the bill as retransferred to **D** Ward was made after the audit. When that ordeal was passed, the safest thing to do was to write the bill off the books altogether by such a retransfer, and so dispose of it finally. The danger of showing it as retransferred before the audit consisted in the possibility that the entries of outstandings in the new books might be compared with the entries in the old books. The same danger was incurred by tampering with the figures ; and I have pointed out that, as far as the Auditors were concerned, it was a slight one. It may be argued, therefore, that as there was no more risk involved in showing the bill as retransferred than in tampering with the figures, the probability is that both were done at the same time. The answer to this is that the entry of retransfer added to the risk. An alteration in the figures might possibly be overlooked. The addition of a retransfer entry, while the receipt was still in the office, would be inexplicable and force enquiry. On the other hand it was important not to show so large an amount outstanding throughout the year. The clerk was obliged to incur some risk and he probably chose the least. He reduced the amount from Rs. 3,258-12 to Rs. 258-12-0 so as to escape enquiry by the Superintendent and Assistant Assessor, and having passed the audit, he made the entry of retransfer as a final security for a time. All this, however, is pure conjecture derived from a balance of probabilities, and it is impossible to say with certainty when the false entries were really made. The entries of outstandings in the Ward Collection Book of 1890-91 do not *now* correspond with the vouchers which were examined and passed at the time of the audit, though they must have done so then. The outstandings which appear at the head of the list of entries in a new year's book are copied and forwarded to the head office. They must, therefore, tally with the books of the head office, and in the latter, at the beginning of the new year, the bill with which I am now dealing was shown as outstanding. It was necessary, therefore, so to show it in the summary forwarded to the head office, and also in the new Ward Collection Book, with which the summary, or fair copy, is compared by the Superintendent. It is certain, therefore, that this bill for Rs. 3,258-12-0 must have

been shown in the new Ward Collection Book for 1890-91, and it would be certain on this ground alone, even if the Auditor's initial on the forged voucher did not make assurance doubly sure. But it is not shown now, that is to say not in its complete form. The name of the person against whom the bill was preferred is there, but the serial No. of the bill and its amount have been altered. The former was $\frac{D}{42799}$ and the latter Rs. 3,258-12-0. But these figures have been scratched out and the numbers $\frac{D}{9703}$ (the "D" indicates that it came from D Ward) and 0-13-7 substituted. The genuine bill, 9,703, was one for general tax to the amount of Rs. 0-13-7 for the second half of 1889-90 due from Gopal Putlaji. This bill was, perhaps, never paid by the individual, though it is so shown in the Ward Collection Book for 1889-90, and it was reported as paid in a remittance report, dated 15th March 1890. The fact seems to be that the Ward Clerk paid the few annas and pies himself, reported, in the usual remittance report form, that the bill had been paid, and wrote it off his books, but retained the bill, and as soon as the audit was over, substituted the serial number and amount of this bill for the serial number and much greater amount of the bill, which he had misappropriated. Items Nos. 3, 4, 5 and 6 in Statement I correspond exactly, in the system which has been adopted to dispose of them, with item No. 1, which I have been dealing with. The amounts were misappropriated, receipts, either forged or genuine, were retained as vouchers and in the new Ward Collection Book for 1890-91 the serial number and amounts were erased and the serial number and amounts of bills for trifling sums were substituted for them, while against the entries of demand for the original bills in the Ward Collection Book for the old year, retransfer entries were made so as to write them off the books altogether. In the case of one only of the six bills enumerated in Statement I, *viz.* that which comes second in order in that statement was a difference made. That bill, as will be seen from Statement I, was one for Rs. 3,147-12-0 against the Maneckji Petit Spinning and Weaving Mill, and bore the serial No. 11314. In the new book the serial number and the amount were erased, and the serial No. D 11671 and the amount Rs. 0-6-10 were substituted for them,—these being the details of a genuine charge against Sir Dinshaw M. Petit. So far the treatment was the same ; but there are two points of difference. In the case of the other five bills retransfer entries were made in the old year's book, in this case it was not, and the totals of each of the other five bills in the old book were tampered with by erasure of a figure, which reduced thousands to hundreds, but this was not done in the case of this one bill. The reason seems pretty clear. The latter was paid by the owners and the amount misappropriated by the Ward Clerk at the very end of the year, *viz.* on 27th March 1890 ; the fact that it was outstanding would not therefore excite remark. I should add that it was issued from the head office to D Ward only on 6th Febru-

ary 1890. Now none of the other five bills had been issued from the head office later than November 1889, and three of them as early as May or June 1889. It would be dangerous, therefore, to leave them outstanding, either in the old or new year's books, and it is surmised therefore that, as soon as the audit was over, the Ward Clerk disposed of them in the old books by retransfer entries, and in the new books by erasing them altogether and substituting smaller amounts for them. He took the latter course also with regard to the bill for Rs. 3,147, but not the former. It is impossible to follow with absolute certainty the details of the whole fraudulent process, or to fathom the exact ideas which were present to the Ward Clerk's mind when he sought to secure himself from detection, but the probability seems to me to be that the entries were not tampered with by erasure, the substitution of false figures, and the fraudulent entry of retransfers, until he had dismissed the hope of being able to re-imburse the Municipality. It is very likely that he retained throughout a vague hope of being able to do so.

I have now done with Statements I and II. The latter shows the data relating to the small bills which were paid by the Ward Clerk himself for some purpose which is not altogether clear. Though the bills were liquidated by him, he, nevertheless, showed them as outstanding in the Ward Collection Book of 1890-91, though in the book of the previous year they are shown as paid. The hypothesis has been suggested to me that he kept these bills in hand as substitutes for the six bills misappropriated, in order that he might not be obliged to exhibit receipts, either genuine or forged, when his bills were counted. But whatever intrinsic plausibility there may be in this suggestion, I am unable to accept it for the simple reason that four out of six of these small bills were not paid (by the Ward Clerk) till March 1890, and until then they were not available for substitution in place of others, as they themselves were still outstanding in the books. I confess that, up to the present, I am unable to account satisfactorily to myself for the Ward Clerk's policy on this point.

7. Statement No. III shows details relating to four bills for 1889-90. These have been shown separately because they were treated in a simpler fashion by the Ward Clerk. They were all issued late in the official year, transferred to **A** Ward, either in February or March last, and paid by the owners, one on 21st February 1890, one on 22nd March 1890, and two on 24th March 1890. They are shown as outstanding in the Ward Collection Books of the past and current years, and the entries have not been tampered with in any way. The money was in each case appropriated by the Ward Clerk, but he does not seem to have thought it necessary to write them off the books by a false retransfer entry in 1889-90, or to alter the figures by erasure, and the substitution of other serial numbers and smaller amounts in 1890-91. He prepared two forged receipts covering the four bills, one for

the bill No. 14975 due from and paid by the B. I. S. N. Company, and one for the other three bills. The latter was dated 22nd March 1890, as if they had been paid together. As a matter of fact they were presented on 4th February 1890, 25th February 1890, and 15th March 1890, respectively, and had been paid, one on 21st February 1890 and the other two on 24th March 1890. They are all for water tax by meter. These forged receipts both bear a pencil memorandum by the Assistant Assessor, dated 2nd July 1890, to which I shall refer later on in this report.

8. I wish to add one word with regard to Statements II and VI. I learn that the Ward Clerk was in the habit of collecting small bills from ignorant people without giving them receipts, and that since this inquiry was instituted, several such persons have called at the ward office to complain that they have paid their bills and not obtained receipts. The first theory was that the amounts of these small bills had been paid by the ward Clerk out of his own pocket, perhaps in order that he might have the bills at hand to make up his number, as he may be supposed to have been reluctant to exhibit his forged receipts except when he was absolutely forced to do so, and I am still at a loss to understand why, considering the insignificance of the sums at issue, he should have chosen to open a fresh door to discovery by defrauding such small tax-payers, but nevertheless it is possible that he may have done so ; at all events the contingency is one that requires to be mentioned.

9. Statements IV and V give details of the bills with their amounts which have been misappropriated during the current year. The total reaches the large sum of Rs. 14,245-0-6, so that, in the period from April to 19th August, he embezzled a larger sum than he had done during the whole of the preceding year. Almost all of the bills are for large amounts, but two or three are for less than Rs. 100 each and one for as little as Rs. 11. The inference would be that the Ward Clerk was pressed for small sums. He seems to have been too acute a man to incur unnecessary risks, and as every bill tampered with constituted an additional risk and multiplied the chances against him, he would be scarcely likely, in the absence of motive which a substantial gain would engender, to tamper with a bill unless he was driven to do so. This theory is supported by the circumstance which I have since discovered that the Ward Clerk was much pressed by Marwaris, who used to follow him to office. It is to be noticed that where he misappropriated to his own use the amount of a small bill, he was actuated by different motives from those which led him to retain small bills in his possession, the amount of which had been brought to book in his remittance reports and the accounts of the head office. The small bills in Statements IV and V are therefore in quite a different category from those in Statements II and VI. In the former his object was to get the money, in the latter apparently to get the actual bills, perhaps, for the purpose of retaining them as vouchers. The bills in Statement IV are for every description of tax. The first seven

were received direct from the head office, the remaining 12 were received by transfer from other wards. Of the bills received in A Ward, about 69 per cent. come by transfer from other wards, a fact which needs no explanation, as the Fort is the centre of the business of the city. The system of transferring bills from one ward to another enormously increases the clerical labour of the department, and I am considering whether it should not be done away with. Altogether 30,000 bills were transferred from one ward to another during the past year, work which required nearly 100,000 entries to effect. The advantages of the system are nevertheless obvious, and I am not prepared at present to express a decided opinion one way or the other. The bills now under remark present few features for comment which have not been already discussed. In every case included in Statement IV, the Ward Clerk retained receipts, all, or certainly almost all of which, are forgeries. The actual dates of payment are shown in column 16. The dates shown in column 15 as "dates of presentation" are purely suppositious. In ten cases the bills had been actually paid before the date on which they are stated to have been presented. In two there is no date of presentation entered at all. These are Nos. 5 and 6, the date of payment in each case being 19th August 1890, and they are the last of the Ward Clerk's frauds. He was detected four days later. No doubt a false entry of presentation would have been made in due time. In the Ward Collection Book all the amounts are shown as outstanding. On 20th August the Ward Clerk applied for notices of demand in the cases of two bills numbered in column 1 as 9 and 16. This was hardly done, however, on his own initiative. Mr. Atmaram Motiram, who had taken charge of the ward as Superintendent on 21st July, had his attention drawn on the same day by the Assistant Assessor, Mr. Pherozeshaw, to the large outstandings in all the Ward Clerk's books, and on 28th idem an order issued from the head office to collect the amount without delay. It was in accordance with these orders presumably that after allowing a sufficient interval to elapse, the Ward Clerk applied for notices of demand in these two cases. The one bill entered in Statement V is a bill for meter hire against the Kaiser-i-Hind Mill. It is for the small sum of Rs. 20. No entry regarding it has been made in the Ward Collection Book. Such bills are not entered in the body of this book because they are not based on a demand from the Assessment Department. They are prepared in the Assessment Department on intimations from the Executive Engineer's Department, and the practice is to enter them in a separate list at the end of the Ward Collection Book, but this has not been done in the present case. Such bills are not included in the check ledger. Their number is small, but the system under which they are accounted for in the ward offices seems to require amendment.

10. Statement VI shows a list of bills for small amounts which were all paid into the head office under a remittance report, dated 12th June last, but which are all shown as out-

standing in the Ward Collection Book. They are eight in number, and total only Rs. 4-10-11. Each of them is against Sir Dinshaw Maneckji Petit, so that the theory that these small bills were actually collected in many cases from ignorant people, but receipts withheld and the bills themselves retained by the Ward Clerk, clearly cannot apply, and even the bills entered in Statement II, all but one, are against wealthy and influential gentlemen, with regard to whom any question of being hoodwinked in the manner suggested cannot possibly be admitted. It is more probable that the Ward Clerk paid these small amounts out of his own pocket, but even now I do not feel that any satisfactory theory of motive has been suggested.

11. The first examination of the Ward Clerk Jamsetji's books, which was made during the current year by the Assistant Assessor in charge of the ward, Mr. Pherozeshaw Rustomji, was commenced on 2nd July 1890. Mr. Pherozeshaw has charge of **A** and **B** Wards. There are seven Ward Clerks in **A** and nine in **B** ward, altogether sixteen. Previous, however, to 5th June, Mr. Pherozeshaw had charge of **A**, **C**, and **D** Wards. The third Assistant Assessor was appointed from 5th May, on which date the Revenue and Refund Audit Officer went on one month's privilege leave, and Mr. Pherozeshaw acted for him. The latter, therefore, took over his new and smaller charge on 5th June. During the month of June the books of other Ward Clerks engaged his attention, and he came to the examination of those of Jamsetji Muncherji on 2nd July, and continued it on 4th and 7th idem. On 2nd July, the Assistant Assessor examined the bills (or receipts) in hand, including the forged receipts alluded to at the end of para. 7. He made two memoranda on the latter, one enquiring who the person was who signed the receipts, and the other, remarking that he understood the bill had been recalled. On 4th he wrote in the Ward Collection Book a memorandum in pencil to this effect: "I notice many irregularities in the collection work of this "Ward Clerk and urge on the Superintendent the necessity of "closer supervision."

He also drafted a memorandum for the Assessor and Collector's signature on the same day, which was duly despatched to the Superintendent. This memorandum, after a general reference to irregularities in the Ward Clerk's work and an exhortation to closer supervision, ended with these words: "please report on the 15th August next on the state of this Ward Clerk's balances, reporting on each bill in which recovery has been neglected." Had this memorandum been acted on, discovery could not long have been postponed; but the Superintendent, Mr. Bal Nilaji, actually handed it over to the Ward Clerk himself, in whose drawer it was ultimately found. This is an instance of very reprehensible laxity, and it is difficult to understand what Mr. Bal Nilaji can have conceived his duties of supervision to consist in. By thus possessing himself of this order from the head office, the Ward Clerk would have managed to stifle enquiry until the next visit of the Assistant Assessor, if the new Superintendent of the ward, Mr. Atmaram Motiram, had not in the meantime, again

acting under orders from the Assistant Assessor, made discoveries. When, on 21st July Mr. Atmaram took charge of the ward, he was told by the Assistant Assessor that large amounts were outstanding under the excuse that the bills were disputed, but that he, the Assistant Assessor, was not satisfied with this excuse, and that Mr. Atmaram should compile for himself a register of disputed bills from the the correspondence on the subject relating to his ward, which was in the head office, and which would be sent to him, and when the register was complete, should compare the outstanding bills with it. This Mr. Atmaram did, and as soon as he had completed the register and come to the examination of Ward Clerk Jamsetji Muncherji's bills, his suspicions were excited, and he turned to his Ward Collection Book or Bill-book.

In addition to the instructions thus issued to Mr. Atmaram, the Assistant Assessor drafted a circular order to all wards, which was signed and issued by the Assessor on 28th July. After preliminary comments on the circumstance that large numbers of so-called disputed bills were outstanding, concerning which neither Ward Clerks nor Superintendents could give the explanations which they ought to have been able to give, the Assessor goes on to direct that "no bill is "to remain uncollected unless the dispute is such within the know-"ledge of the Superintendent as to warrant suspension of recovery. "Where this is so, the dispute should be promptly reported for the "orders of the Assessor," and further that the Superintendents "are to make out a list of disputed bills" in a given form, in which the serial number and amount of each bill was shown. This order was received among other Superintendents by Mr. Atmaram, the Superintendent of **A** Ward, and must, even without the earlier instructions given to him by the Assistant Assessor, have led to the discovery of the frauds. Acting on the orders given to him, the Superintendent had examined the bills for 1889-90, which Jamsetji Muncherji alleged to be outstanding on account of disputes, and which were those shown in Statement III. He remembered that they amounted to Rs. 4,000 or thereabouts. On 23rd August, early in the morning, while looking through the "Fortnightly Summary" for his ward, which had been sent in on 15th, it struck him that the amount outstanding in Jamsetji's section, and which was over Rs. 20,000, was very large compared with the Rs. 4,000 of disputed bills. He thereupon turned to Jamsetji's Ward Collection Book and looked through the unpaid bills. Rapidly summing up their totals, as he looked down the columns, he at once saw that something was wrong. He compared the total outstanding balance from 1889-90, as shown at the foot of the summary beginning the books for 1890-91 with the Ward Clerk's check ledger and found that with a difference of a few annas they tallied Mr. Atmaram appears at this point to have called the attention of the Asssessor, Mr. Pearson, who was in the **A** Ward Office at work on the books of another Ward Clerk, to the suspicious character

The "Fortnightly return of collections and balances" or "Fortnightly Summary" shows the totals of demands due to the Head Office, with the totals of collections paid into the Head Office, with the total balance of bills and accounts outstanding in the Ward Office.

of the entries. Mr. Pearson took the Ward Collection Book and added together the amounts in the final column of a page turned to at random. He found that the total came to something like Rs. 9,000 less than the total shown in figures at the foot of the column. It then became necessary to compare the bills with the Ward Collection Book item by item, and for this purpose Mr. Pearson personally fetched Jamsetji from his house with his bills. The enquiry was further gone into and the fraud at once discovered.

12. The duties of a Ward Superintendent like those of all the officers of the department, who carry out executive work, consist to a very considerable extent of the outdoor business of inspection of properties. Inspection in its primary stage is done by the Ward Clerks. Their inspections are checked and amended by the Ward Superintendents, those of the latter by the Assistant Assessors and so on. Till about 10 A.M. every day, a Superintendent is at work on this duty. He then attends his office, and there his first duty is to forward to the head office the collections paid in by the Ward Clerks on the previous afternoon or evening. He then attends to his correspondence, but probably does no more than open it as his daily recess lasts only till 1 P.M., at which hour he is bound to be back in the office. He has the afternoon for office work, for correspondence, for examination and check of bills and collection books, for the important duty of filling in the results of his inspections in the Ward Inspection Book (Form No. 12) and examining and checking those of his Ward Clerks, as shown in Form 14 (Wheel Tax Inspection) as well as Form 12, for the receipt and summation of money collected by the Ward Clerks during the morning, with the checking of the bills relating thereto and the remittance reports prepared thereon. He may also, very possibly, be compelled to leave his ward office during the afternoon on some further out-door duty, which he may either think it necessary or have been directed to undertake personally, such as the investigation into circumstances relating to a disputed bill, a disputed valuation or the like. In addition to all this he is under the Manual instructed and has now been specifically ordered by me to issue to each Ward Clerk the bills which the latter has to collect on the day ensuing, receiving back from him in the first place those already issued, and which he has not collected. There is no doubt that the Ward Superintendent has not the time which he should have for the duties of office supervision, and he will have still less now that the directions of the Manual are to be followed, and he is to retain all bills in his own custody. I am convinced that the provisions of the Manual cannot possibly be carried out in their entirety with the existing establishment. I have already remarked at an earlier stage of this report that if they had been attended to, that is to say, if it had been possible to attend to them, the frauds under report could not have been carried on for more than a very short time. The dullest Superintendent must have had his instincts of inquiry aroused if he saw a bill for Rs. 3,000 or more coming back day after day, though the party against whom it was preferred was wealthy and able to pay it. He

could not, even during last year, have been so long satisfied with the vague excuse that the bill was disputed, as to be content to postpone continually investigation into the fact and cause of the dispute. Investigation would have meant instant ruin to the defrauder, as it would first have disclosed the circumstance that there was no dispute in the case, and secondly that the bill had been paid. However, this safeguard was absent, but will never be absent again. I have issued orders enjoining strict adherence in future to the directions contained in the Manual, and before I conclude this report, I shall ask for an increase of establishment to enable the Ward Officers to carry them out. In the absence of this particular security against fraud on the part of a Ward Clerk, it is still noticeable that nothing short of forgery was required in the present case to preserve the delinquent. Though in my judgment both the Superintendents who were responsible for the ward during the period from June 1889 to July 1890 were weak and inefficient, and their incapacity was turned to account by Jamsetji Muncherji, yet they could not long have failed of discovery if he had not kept his balances correct by forged receipts. The mere enumeration of the number of bills (including receipts) in the custody of a Ward Clerk is so easy a method of check, that the most inefficient Superintendent may be trusted to resort to it, yet it is perfectly effective in its way and can only be eluded by forgery. But even assuming the practice of forgery to be resorted to by a Ward Clerk, and the check furnished by simple counting of his bills to be thus evaded, other checks exist, which ought to have been applied in this case. I wish to make clear what I mean by the check, which the counting of bills furnishes. Under the system hitherto in existence, the whole number of bills which have to be collected in a Ward Clerk's section or sub-ward, have remained in his custody. But what that number is or should be, can be ascertained at any moment by a reference to the Ward Clerk's check-ledger, which is prepared by the office clerk of the Superintendent and remains in the Superintendent's custody. The Ward Clerk, therefore, cannot tamper with it. But even if he could, it would be of no use to him to do so, because the fortnightly summaries are prepared from it, and if they did not tally with the books of the head office, the discrepancy would be detected as soon as they are sent in. A Superintendent, if he wishes to apply the check of enumeration, first turns to the check-ledger to see what number of bills a given Ward Clerk has to account for, and then proceeds to count the bills actually in his possession. A fraudulent Ward Clerk, therefore, if he has dishonestly disposed of a bill, must prepare a substitute to put in its place, and this is what Jamsetji Muncherji did. He substituted either his forged receipts, or else the small bills which had been paid by himself for the large bills which he had embezzled, and thus made his actual numbers accord with the numbers in the check-ledger. But the fortnightly summary furnished a further check, which certainly should have been regularly applied. The Superintendent should have satisfied himself, from time to time, that not only did the number of bills shown in that summary tally with the

number in the Ward Clerk's possession, but that the *amounts* represented by them tallied also. Suppose him to have done so on one occasion, and found that they did tally, the amounts shown in the forged receipts bringing up the total to its proper figure, his attention would have been directed to the fact that the large amounts shown in these receipts were due and were outstanding. His attention would have been again directed to it a fortnight later, and again a fortnight after that, and so on. In a word, he would by this means have exercised some real supervision over the Ward Clerk's operations. I can have very little doubt that Jamsetji Muncherji deliberately calculated on the efficiency or inefficiency of his Superintendent and acted accordingly. Although during 1889-90 disputes were frequent, as the Corporation know, yet there can be nothing to justify a Superintendent in abdicating the duties of supervision so completely as to accept, without question or verification, any and every explanation which a Ward Clerk may offer. Superintendents exist in order to apply checks. All actual collection work is done by Ward Clerks, but if men responsible for such large sums of money are left to themselves, it is obvious that the Municipal revenues can never be safe. I cannot believe that the two Superintendents, whom I hold to be mainly responsible, ever examined the Ward Collection Books of their ward with the care which ought to have been exercised. Although the particular precaution of having all bills retained in the Superintendent's custody was not taken at this period in any ward, a precaution, which, I think, furnishes as full security as can be devised against peculation by a Ward Clerk, yet the system of check was still so complete that, in my judgment, it could not have been baffled except by the conjunction, which unfortunately existed, of an acute and utterly unscrupulous Ward Clerk on the one hand and a weak and supine Superintendent on the other.

13. The duties of an Assistant Assessor, who is the supervising officer immediately over the Ward Superintendent, need to be alluded to. He has duties in the Ward Office itself, inspection duties and duties at the Head Office. Up to the beginning of May last there were but two Assistant Assessors for the whole city, and the senior of them, Mr. Pherozeshaw Rustomji, had charge of **A, C** and **D** Wards. It was recognized at the time the schedule was prepared, considered and sanctioned, that two Assistant Assessors were not enough, and a third was then added. Under the new arrangement, Mr. Pherozeshaw has charge of only **A** and **B** Wards, but these so far occupy his time, that I may say, without going into detail, that he has not above an hour a day even now to spare for the examination of a Ward Clerk's books. There are 7 Ward Clerks in **A** and 9 in **B** Ward, so that, omitting Sundays and holidays, he should examine the books or rather inspect, for he has not time thoroughly to examine the books, of each Ward Clerk, about once in three weeks. This, however, is on the supposition that he only spends one morning on each set of books, though as a matter of fact, as he can never

give more than an hour in any one morning to work in the Ward Office, he is unable to dispose of them so rapidly as this.

On the very first occasion of the Assistant Assessor's examination of Jamsetji Muncherji's books this year—I mean by this year, the period since his duties were rendered lighter by the appointment of a third Assistant Assessor—the clue which ultimately led to discovery was obtained, and had the Assessor's order of 4th July to the Ward Superintendent, directing the latter to report on every outstanding bill not been handed over to the Ward Clerk, I think the fraud would have been discovered several weeks earlier than was the case. I find that during the time, from 1st July 1889 to 31st March 1890, the Assistant Assessor visited the **A** Ward on 63 occasions, out of which he on 5 occasions examined Jamsetji Muncherji's books or bills. Each of these examinations extended over not more than an hour. I cannot regard the Assistant Assessor as having been in any way whatever to blame for not discovering anything during the past year, considering the time at his disposal and the duties he had to perform. It is not so much the Assistant's duty to check the Ward Clerk in his collection work, that is, to tally bills with books and so on, as to control it by seeing that entries are made in due time, that bills received from the Head Office are not left unpresented, that bills presented and not paid are followed by notices of demand and the like. Against error or fraud in collection the system prescribed by the Manual is supposed to be a sufficient safeguard, and properly carried out, it is so. And the Assistant Assessor's duties in connection with review of the entries in the Inspection Books, Forms 12 and 14, were far too heavy in past years to admit of any minute check-examination on their part of the collection books and vouchers bearing on them. They have now more time for the latter work, yet not enough, and it is in fact not their duty, but that of the Superintendents in the first stage, and of the Revenue Audit Department in the second. The most important branch of an Assistant Assessor's duty is that which is connected with valuation, and inspection for the purposes of valuation. A steady general watch and control over both Superintendents and Ward Clerks in all matters whatsoever should, no doubt, be maintained by Assistant Assessors, but for a minute check of the details of collection work they have not now the time, and last year had nothing approaching to it. Last year was one of extraordinary pressure on Mr. Pherozeshaw. The provisions of the new Act, in regard to water and halalkhor taxes were enforced for the first time. Mr. Pherozeshaw was in charge of three wards (Fort, Bhuleshwar and Girgaum) in which there is a preponderating number of educated, intelligent, and litigious owners of property, and they gave the Assessment Department no rest. In every case of complaint Mr. Pherozeshaw had to order a fresh inspection, and very often to undertake it himself. He had to report on the results, and, oftener than not, draft replies to the parties. None but a very efficient officer could have coped with the work in the way Mr. Pherozeshaw did, but it left him

almost no time for his more usual duties, and they, as I have explained, do not properly embrace the *audit* work, which the safeguarding of the revenues required. I apprehend that it was when Mr. Ollivant saw that the expansion of the city and consequently of work had rendered his check system unmanageable and insufficient that he proposed the creation of a department for revenue audit. It is henceforth the duty of this department to undertake the quarterly audit of the books of every Ward Office. I confess I am surprised that the Municipality should have managed to do without it for so long, especially when I remember the enormous establishments which continually move through the mofussil for purposes, indeed, of general administration, but primarily for the purpose of revenue audit. It may perhaps be asked how it has happened that the revenue audit office, now established, did not discover the present frauds. The explanation is quite simple. The department was not organized till early in May (when Rao Bahadur Virprasad took a month's leave), and did not receive its detailed instructions till three weeks later. The employés were, with two exceptions, new to the work. The collection accounts of the Head Office were not closed till the middle of August, previous to which, audit was impossible. In fact, the audit of the first Ward (**B**) undertaken was not begun till 1st September. The Corporation will not be disposed to blame the department for working slowly on its first organization. If the head of it had not been himself a proficient in the details of assessment and collection work, the audit would probably not yet have been commenced, by which I mean the Ward Office audit. The department has done a great deal of work in other offices and departments as, *e. g.*, over 1,000 assessment refund claims, the monthly audit of the Health Department accounts, the quarterly audit of the market accounts, the monthly audit of water works accounts, &c., &c. But I find that the department is seriously crippled by the want of a proper clerical staff. Mr. Virprasad has a very heavy correspondence to conduct, but only one registry and no correspondence clerks, and consequently registration and correspondence devolve on audit clerks, who ought to be differently employed, and to that extent reduces the efficiency of the audit, which, I apprehend, the Corporation are determined shall henceforth be as efficient as it is possible to make it. I strongly recommend the following additional establishment for the Revenue and Refund Audit Office:

1 Clerk on Rs. 60 per mensem;
1 Clerk on Rs. 30 „
1 Outward registry clerk on Rs. 20 per mensum,

or a total of Rs. 1,320 per annum.

14. The material defect in the work of the department, which this inquiry has disclosed, has been the practice, in opposition to the Manual of letting bills remain in the custody of the Ward Clerks. As already mentioned I have ordered immediate and strict compliance with the Manual, but unless the Ward Offices are strengthened,

I fear that the work of collection cannot proceed as it ought under this system.

It will be, in my opinion, necessary to place an Assistant Superintendent in every Ward excepting **F** and **G**, who should, in fact, be an accountant primarily responsible for the accuracy of the entries and of the summations in the Ward Collection Books, and secondarily for the punctual and correct writing up of all their entries in *all* their books by Ward Clerks. If the Superintendent is to remain as he is at present, responsible for all the books of all his Ward Clerks, for their proper discharge of inspection duties and posting up of inspection books, for their regular presentation of bills, regular application for notices of demand or warrants as the case may be, for their remittance reports and innumerable other items of duty, at the same time to do his own independent inspection work, post up his inspection entries, carry on the whole correspondence of the office, and is besides, and in addition to all this, to sort and distribute to each of them the proper quota of daily bills and receive them back and check them the next day—if he is to do all this, he must have help. It is beyond the power of any one man to discharge the work. The necessity that bills should be and remain with the Ward Superintendent is obvious, and is a matter of primary importance. I am sure, and the Corporation will certainly find on inquiry, if they choose to make an inquiry, by a Committee, that if it is to be done, the addition of an Assistant Superintendent to the strength of each Ward Office follows as a necessary consequence. I am so convinced of this, that I should be glad if the Standing Committee would recommend the Corporation to sanction them at once. Collection work will dwindle to a minimum otherwise. It has only proceeded satisfactorily hitherto, because the orders about the custody of bills have never been attended to. As, however, the increase in establishment, which I thus apply for, is serious, it will be well to support the proposal with a somewhat more specific account of what a Superintendent has at present to perform. In the first place, he is bound (Manual, p. 121) to visit each property in his ward once a year with a view to test the valuations of the Ward Clerks. The number of properties in each of the Wards in which it is proposed now to allow an Assistant Superintendent, with the average number of daily inspections in a year of 300 working days is shown in the margin.

| Ward. | Properties. | No. to be inspected daily. |
|---|---|---|
| A. ... | 4,411 ... ... | 15 |
| B. ... | 6,271 ... ... | 21 |
| C. ... | 8,480 ... ... | 28 |
| D. ... | 4,480 ... ... | 15 |
| E. ... | 9,133 ... ... | 30 |

But his inspections may be far more frequent than these figures indicate, for notices of vacancy, applications for drawback, complaints, applications, appeals, &c., may entail special visits in every case in which they occur. It is quite certain that if the Municipal revenues are to keep pace with the expansion of the city, this work

must be well performed, and in order that this may be done, the Superintendent must give up his entire morning and no small part of his afternoon to it. In office it is his duty to supervise the Ward Clerks' work, to see that all their books and accounts are properly written up, that the results of their outdoor work are properly transferred to the proper books and communicated to the Head Office in the way required by the Manual, *viz.* :—

(*a*) Collections by the daily remittance reports ;
(*b*) Valuations by the tabulated ward reports ;
(*c*) Notices of vacancy, applications, &c., by reports.
(*d*) Wheel tax by the prescribed quarterly returns.

Every Ward Clerk has a set of 4 books besides his Field Book, and the table in the margin shows the number of Ward Clerks in each ward and the number of books and accounts to be examined by the Superintendent. The table given below is still more significant, showing, as it does, the number of bills to be collected in each ward after allowing for transfers :—

| Ward. | Ward Clerks. | No. of Books. |
|---|---|---|
| A | 7 | 28 |
| B | 9 | 36 |
| C | 12 | 48 |
| D | 7 | 28 |
| E | 9 | 36 |

| Ward. | No. of Bills. | Average per diem to be collected. |
|---|---|---|
| A | 16,598 | 55 |
| B | 16,193 | 54 |
| C | 19,705 | 66 |
| D | 9,136 | 31 |
| E | 12,213 | 41 |

Practically the office work which the Superintendent actually performs now is to—

(*a*) receive the collections by counting moneys brought in ;
(*b*) check remittance reports ;
(*c*) check abstract of the remittance report prepared for the Chief Accountant by the Ward Office Clerks, showing the collections of each Ward Clerk under (1) the three heads of property taxes, (2) wheel-tax, (3) process fees ;
(*d*) see that totals are correctly transferred to the check-ledger ;
(*e*) write up his reports,
(*f*) check inspection entries if he has time.

He has no time left to him for any real examination of the books of the Ward Clerks, though an active Superintendent will manage to check them occasionally and somehow, nor can he regulate the issue and return of bills as he is required to do. It is the absence of this administrative supervision of the accounts and of compliance with the regulations of the Manual which has rendered the present defalcations possible. If the work of supervision is done as it ought to be done, the Superintendent's hands must be strengthened by the addition of an assistant. The ward offices, it will be remembered, were organized by Mr. Ollivant on the statistics of 1880, as adopted by the Town Council in their inquiries into the working of the Assessment Department under Mr. Hutchinson. The number of properties then on the books was 25,347. It is

now (was at the end of 1889-90) 50,425. This increase of cent. per cent. means a corresponding increase in inspection, collection, clerical and account work. The Corporation have sanctioned a large increase in the number of Ward Clerks, and I am sure that the supervising staff must be proportionately strengthened as I propose. I abstain, at present, from asking for an Assistant Superintendent in every ward. Until this year both **F** and **G** were under one Superintendent. They have each a Superintendent now, and though the number of bills for collection in **G** Ward is nearly 10,000 per annum and more than in **D** Ward, where there are 7 Ward Clerks as against 5 each in **F** and **G**, yet the inspection work in **G** is less intricate, and the work may perhaps be still carried on as at present. **C** Ward has an assistant already. I ask, therefore, for four new Ward appointments, that is to say, an Assistant Superintendent for each of the **A**, **B**, **D** and **E** Wards. The budgetted salary should be, I think, for two of them Rs. 90 and for two of them Rs. 110. The highest paid Ward Clerk gets Rs. 75 and the Assistant Superintendent's salary should be substantially higher. The addition will cause a monthly increase of Rs. 400 to the scheduled strength of the department, or an annual increase of Rs. 4,800. Whatever opinion may be formed on the views which I have set forth in this report, I am quite sure that this recommendation is one that will be acquiesced in by any one who cares to inquire into the relative strength of the Ward Offices with the work they have to do.

15. This is not the only additional charge which I ask the Corporation to accord their sanction to. Four Superintendents, those of **D**, **E**, **F** and **G** Wards, are granted a conveyance allowance of Rs. 30 per mensem. This arrangement has the inconvenient consequence that it renders the transfer of Superintendents from one Ward to another a much more difficult matter than it ought to be. It may be necessary, and it has been desired on more than one occasion, to transfer a Superintendent who has been found not quite up to the work of one of the more important Wards to either F or G for instance, where the duties and responsibilities are lighter and where the Superintendent has earned a better character for capacity. But the difficulty has then arisen that the better Superintendent has provided himself with a conveyance which he cannot get rid of, except at a loss, and that the transfer will cost him the conveyance allowance with which he kept it up, while on the other hand, the less capable Superintendent will at once, as a result of his comparative incapacity, be bettered by the addition of a conveyance allowance. This difficulty, the practical character of which will be at once apparent, can be got over in one of two ways, either by impartially abolishing the conveyance allowance everywhere, or by granting it everywhere to the Ward Superintendents. There are, in my judgment, good grounds for the more liberal course, for the Superintendent who is on the move every day, and has to inspect every property in his ward, is in the position of a travelling officer, and has claims to be treated as such, quite distinct from those of a Ward Clerk, whose duties are confined within a comparatively minute area.

16. The proposals I make are, shortly stated, these :—

*a*—Additions to ward establishments :—

2 Assistant Superintendents on Rs. 90 each ;
2 Do. do. on „ 110 „
Total Rs. 400 per mensem or „ 4,800 per annum ;

Conveyance allowance for 3 Ward Superintendents (who do not now receive it) at Rs. 30 each per mensem. Total Rs. 90 per mensem, or Rs. 1,080 per annum.

*b*—Additions to Revenue and Refund Audit Department—

1 Correspondence clerk on ... Rs. 60 per mensem.
1 Copying clerk on ... ... „ 30 „
1 Outward registry clerk on ... „ 20 „
Total Rs. 110 per mensem, or... „ 1,320 per annum.
Grand Total of increase, Rs. 600 per mensem or Rs. 7,200 per annum.

I have given with, I hope, sufficient fulness my reasons for these recommendations, and I earnestly press for a very early sanction to them, or at the least to the Assistant Superintendents and the increase in strength to the Revenue and Refund Audit Office. I should certainly be glad if the Corporation would accept my judgment as to the necessity for them and allow the appointments to be made at once without reference to a Committee. I am far from desiring the Corporation to forego their dominion over their revenues. It is in the interest of their revenues that I make the application. If they are to be collected as surely and as quickly as they ought to be and to be brought to account and guarded from carelessness or fraud, the establishments I ask for are absolutely necessary.

17. I have only to say, in conclusion, that the inquiry has disclosed a seriously inefficient discharge of their duties on the part of Rustomji N. Coyaji and Bal Nilaji, Superintendents of **A** Ward for nearly the whole of the period under report. They are not charged with or suspected of complicity ; if they were, they would have been dismissed ere this. I do not propose, however, to dismiss them, but to punish them by reduction. The loss which has accrued to the Municipality is unquestionably in part due to their inefficiency, and the gravity of that loss calls for severe punishment. The Corporation will, no doubt, approve of my drawing a distinct line of demarcation between moral obliquity and incapacity. The former is not suspected here. I also give due weight to the fact that both of these men have a good record of past service, and both were brought into the Assessment Department from other departments, and had to learn their work. Mr. Bal Nilaji was indeed promoted to the post of Superintendent against his will.

I have the honour to be,
Sir,
Your most obedient Servant,,
H. A. ACWORTH,
Municipal Commissioner for the City of Bombay.

## BOMBAY MUNICIPALITY.

STATE

*Details of the six Bills, the amounts of*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Vol. 1, p. 52, 1889-90. | D. | 3678 | ... | Tardeo Road ... | 52 to 54 | Manekji Petit Spinning and Weaving Mill. | 4279 | 4th quarter, 1888-89 (1st January to 31st March 1889). |
| 2 | Vol. 2, p. 10, 1889-90. | D. | 3678 | ... | Do. ... | 52 to 54 | Do. | 11314 | 3rd quarter, 1889-90 (1st October to 31st December 1889). |
| 3 | Vol. 1, p. 114, 1889-90. | D. | 3678 | ... | Do. ... | 52 to 54 | The Agent, Manekji Petit Spinning and Weaving Company, Ld. | 9580 | 2nd half, 1889-90 (1st October 1889 to 31st March 1890). |
| 4 | Vol. 1, p. 122, 1889-90. | F. | 1006-7 | ... | Parel Road ... | 123 to 129 | Manekji Petit Manufacturing Company, Ld. | 5695 | Do. |
| 5 | Vol. 1, p. 58, 1889-90. | G. | ... | ... | Coorla (Old Mill) | 13 | The Swadeshi Spinning and Weaving Mill. | 5052 | 1st to 30th April 1889. |
| 6 | Vol. 1, p. 58, 1889-90. | G. | ... | ... | Do. ... | 13 | Do. | 5063 | 1st to 31st May 1889. |

APPENDICES.

MENT I.

*which have been misappropriated.*

| Bill. | | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books | Date of payment by Owners. | How dealt with in the A Ward Collection Book. | REMARKS. |
|---|---|---|---|---|---|---|---|
| Nature of Taxes. | Amount of Bill. | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Rs. a. p. | | | | | | |
| Water tax by meter. | 3,258 12 0 | 3-5-89 | 11-5-89 | 8-6-89 | 8-6-89 | Shown as retransferred to D Ward on 25-6-89. | The figure 3 in thousands has been erased, and the amount, as falsely shown in the Collection Book, is Rs. 258-12-0. |
| Do. | 3,147 12 0 | 6-2-90 | 11-2-90 | 28-2-90 | 27-3 90 | Appears as outstanding in 1889-90, but not brought forward in 1890-91. | ..... |
| General tax ... | 2,132 7 0 | 1-10-89 | 4-11-89 | 26-11-89 | 27-11-89 | Shown as retransferred to D. Ward on 4-12-89. | The figure 2 in units has been erased, and the amount as falsely shown in the Collection Book, is Rs. 213-7-0. |
| Do. | 1,369 9 0 | 1-10-89 | 18-11-89 | No entry in either book. | 27-11-89 | Shown as retransferred to F Ward on 4-12-89. | The figure 1 in thousands has been erased, and the amount, as falsely shown in the Collection Book, is Rs. 369-9-0. |
| Water tax by meter. | 1,789 0 0 | 17-6-89 | 25-6-89 | 4-7-89 | 26-6-89 | Shown as retransferred to G Ward on 25-7-89. | The figure 9 in units has been erased, and the amount, as shown falsely in the Collection Book, is Rs. 178-0-0. |
| Do. | 1,668 0 0 | 17-6-89 | 25-6-89 | 4-7-89 | 26-6-89 | Shown as retransferred to G Ward on 25-7-89. | The figure 8 in units has been erased, and the amount, as falsely shown in the Collection Book, is Rs. 166-0-0. |
| Total ...Rs. | 13,365 8 0 | | | | | | |

BOMBAY MUNICIPALITY.

STATE

*Details of the 6 Bills not collected, the amounts of which were paid in,*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Vol. 1, p. 114 1889-90. Vol. 1, p. 7, 1890-91. | D. | 3785 | ... | Falkland Road... | 583 | Gopal Putlaji ..... | 9703 | 2nd half, 1889-90 ... |
| 2 | Vol. 1, p. 114, 1889-90. Vol. 1, p. 7, 1890-91. | D. | 3783 | 2 | Do. ... | 579*a* | Sir Dinshaw Manekji Petit, Kt. | 9701 | Do. ... |
| 3 | Vol. 2, p. 17, 1889-90. Vol. 1, p. 8, 1890-91. | D | 3784 | ... | Do. ... | 581 | Do. ... | 11671 | Do. ... |
| 4 | Vol. 1, p. 106, 1889-90. Vol. 1, p. 10, 1890-91. | F. | 490 | ... | Dadar Road ... | 123 | Do. ... | 5298 | Do. ... |
| 5 | Vol. 1, p. 58, 1889-90. Vol. 1, p. 11, 1890-91. | G. | ... | ... | Coorla (Old Mill) | 28 | Ardesir Hormasji Wadia. | 5050 | 1st to 30th April 1889. |
| 6 | Vol. 1, p. 58, 1889-90. Vol. 1, p. 2, 1889-90. | G. | ... | ... | Do. ... | 28 | Do. ... | 5061 | 1st to 31st May 1889. |

## MENT II.

*in 1889-90, but Bills shown as outstanding in 1890-91.*

| Bill. | | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books. | Date of payment by owners. | How dealt with in the A Ward Collection Book. | REMARKS. |
|---|---|---|---|---|---|---|---|
| Nature of Taxes. | Amount of Bill. | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Rs. a. p. | | | | | | |
| General tax ... | 0 13 7 | 1-10-89 | 4-11-89 | 2-12-89 for 1889-90. 8-6-89 in Collection Book only of 1890-91 and not in Field Book. | 15-3-90 | Appears as outstanding in current year, and bill not paid, and in the Ward Clerk's possession. Entered as paid in A Ward Collection Book, 1889-90. | The amount of the bill was forwarded to Head Office under Remittance Report No. 9505, dated 15th March 1890, and appears in the Bill Book of the Head Office as paid. |
| Do. ... | 1 11 2 | 1-10-89 | 4-11-89 | 2-12-89 for 1889-90. 26-12-89 for 1890-91. | 15-3-90 | Do. | Do. Report No. 9505, dated 15th March 1890, and appears in the Bill Book of the Head Office as paid. |
| Do. ... | 0 6 10 | 11-3-90 | 18-3-90 | 20-3-90 for 1889-90. 28-2-90 for 1889-90. | 22-3-90 | Do. | Do. Report No. 9727, dated 22nd March 1890, and appears in the Bill Book of the Head Office as paid. |
| Do. ... | 0 9 6 | 1-10-89 | 25-10-89 | 2-12-89 for 1889-90. 18-12-89 for 1890-91. | 15 3-90 | Do. | Do. Report No. 9506, dated 15th March 1890, and appears in the Bill Book of the Head Office as paid. |
| Water tax by meter. | 8 8 0 | 17-6-89 | 25-6-89 | 4-7-89 for 1889-90. 4-7-89 for 1890-91. | 28-9-89 | Do. | Do. Report No. 4555, dated 23rd September 1889, and appears in the Bill Book of the Head Office as paid. |
| Do. ... | 1 8 0 | 17-6-89 | 25-6-89 | 4-7-89 for 1889-90. 4-7-89 for 1890-91. | 23-9-89 | Do. | Do. Report No. 4555, dated 23rd September 1889, and appears in the Bill Book of the Head Office as paid. |
| Total... Rs. | 8 9 1 | | | | | | |

## BOMBAY MUNICIPALITY.

STATE

*Details of the 4 Bills (Bills accounted for in the Receipts for*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Vol. 2, p. 13, 1889-90. Vol. 1, p. 10, 1890-91. | E. | 5709 to 5739. | ... | Dockyard Road. | 67 (1 to 32). | Mackinnon, Mackenzie & Co., Agents, British India Steam Navigation Company. | 14975 | 3rd quarter, 1889-90 (1st October to 31st December 1889). |
| 2 | Vol. 2, p. 10, for 1889-90. Vol. 1, p. 11, for 1890-91. | G. | ... | ... | Coorla (Old Mill) | 13 | The Swadeshi Spinning and Weaving Mill. | 13188 | 1st to 31st December 1889. |
| 3 | Vol. 2, p. 15, for 1889-90. Vol. 1, p. 11, for 1890-91. | G. | ... | ... | Do. ... | 13 | Do. ... | 13490 | 1st to 31st January 1890. |
| 4 | Vol. 2, p. 17, for 1889-90. Vol. 1, p. 11, for 1890-91. | G. | ... | ... | Do. ... | 13 | Do. ... | 13641 | 1st to 28th February 1890. |

APPENDICES.

MENT **III.**

*Bills), the amounts of which have been misappropriated.*

| Bills. | | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books. | Date of payment by Owner. | How dealt with in the A Ward Collection Book. | Remarks. |
|---|---|---|---|---|---|---|---|
| Nature of Taxes. | Amount of Bill. | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Rs. a. p. | | | | | | |
| Water tax by meter. | 1,128 12 0 | 28-1-90 | 18-2-90 | 27-2-90 for 1889-90 and 27-2-90 for 1890-91. | 22-3-90 | Shown as outstanding in books for 1889-90 and 1890-91. | A forged receipt. |
| Do. ... | 1,078 0 0 | 27-1-90 | 4-2-90 | 28-2-90 for 1889-90. 28-2-90 for 1890-91. | 21-2-90 | Do. ... | It will be observed that there is one receipt for these 3 bills, dated 22nd March 1890, but the bills were presented on three different dates. Forged receipt. |
| Do. ... | 1,048 0 0 | 21-2-90 | 25-2-90 | 15-3-90 for 1889-90. 15-3-90 for 1890-91. | 24-3-90 | Do. ... | |
| Do. ... | 944 0 0 | 14-3-90 | 15-3-90 | 22-3-90 for 1889-90. 22-3-90 for 1890-91. | 24-3-90 | Do. ... | |
| Total...Rs. | 4,198 12 0 | | | | | | |

## BOMBAY MUNICIPALITY.

STATE

*Details of the 19 Bills, the amounts of which*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Vol. 1, p. 22 | A | 1351 | ... | Elphinstone Circle. | 15 | The Chartered Mercantile Bank of India, London and China. | 885 | 1st half, 1890-91 (April to September 90). |
| 2 | Do. | A | 1352 | ... | Do. ... | 16 | The Chartered Bank of India, Australia and China. | 886 | Do. ... |
| 3 | Vol. 1, p. 27 | A | 1572 | 1 | Homji Street ... | 3-5-7 | David Sassoon ... | 1090 | Do. ... |
| 4 | Do. | A | Do. | 2 | Bazaar Gate St. | 2 to 16 | Do. ... | 1091 | Do. ... |
| 5 | Vol. 1, p. 75 | A | 402to405 | ... | Colaba Road ... | 41 to 44 | The Fort Press Co. | 4232 | 1st quarter, 1890-91 (1st April to 30th June 1890). |
| 6 | Do. | A | Do. | ... | Do. ... | 41 to 44 | Do. ... | 4233 | Do. ... |
| 7 | Vol. 1, p. 37 | A | 2548 | ... | Gola Street ... | 3 to 11 | The Gordon Mill Co. | 395<br>3052 | 4th quarter, 1889-90 (January to March 1890). |
| 8 | Vol. 1, p. 55 | D | 3678 | ... | Tardeo Road ... | 52 to 54 | The Manekji Petit Spg. & Wg. Mill. | 4440 | Do. ... |
| 9 | Vol. 1, p. 42 | E | 5536 | ... | Babula Tank Road passage.. | 4 | The Bombay Flour Mill Co., Ld. | 3645 | 1st half, 1890-91 (April to September 1890). |
| 10 | Vol. 1, p. 56 | E | 5709 to 5739. | ... | Dockyard Road. | 67 (1 to 32) | MackinnonMackenzie & Co., Agents, British India Steam Navigation Company. | 5705 | 4th quarter, 1889-90 (January to March 1890). |
| 11 | Do. | E | 5709 to 5739. | ... | Do. ... | 67 (1 to 32) | Do. ... | 5706 | Do. ... |
| 12 | Vol. 1, p. 62 | E | 8170 & 8171. | ... | Ghorupdeo Road. | 52 to 56 | The Secretary, Kaiser-i-Hind Mill. | 5752 | Do. ... |
| 13 | Vol. 1, p. 63 | E | 4377 to 4379. | ... | Haines Road and Ripon Road. | 218<br>4 A | The Agents, Ripon Manufacturing Co. | 5686 | Do. ... |
| 14 | Vol. 1, p. 64 | E | 4498 to 4503. | ... | Arthur Road. ... | 134to136<br>138to140 | S.N. Wadia, Manager to the Gordon Mill. | 5689 | Do. ... |
| 15 | Do. | E | 4498 to 4503. | ... | Do. ... | 134to136<br>138to140 | Do. ... | 5782 | 1st to 31st March 1890. |
| 16 | Vol. 1, p. 58 | E | 8170-71 | ... | Ghorupdeo Road. | 52, 54 | The Kaiser-i-Hind Mill. | 5243 | 1st half, 1890-91 (April to September 1890). |
| 17 | Vol. 1, p. 59 | G | ..... | ... | Coorla (Old Mill) | 13 | The Swadeshi Spg. and Wg. Mill ... | 4799 | 1st to 31st March 1890. |
| 18 | Vol. 1, p. 63 | G | ..... | ... | Do. ... | 13 | Do. ... | 4901 | 1st to 30th April 1890. |
| 19 | Vol. 1, p. 64 | G | ..... | ... | Do. ... | 13 | Do. ... | 4992 | 1st to 31st May 1890. |

APPENDICES.

MENT **IV.**

*have been misappropriated in the year 1890-91.*

| Bill. Nature of Taxes. | Amount of Bill. | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books. | Date of payment by Owners. | How dealt with in the A Ward Collection Book. | Remarks. |
|---|---|---|---|---|---|---|---|
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Rs. a. p. | | | | | | |
| General and water taxes. | 516 6 0 | 1-4-90 | ..... | 29-4-90 | 16-4-90 | Shown as outstanding, p. 22. | Receipt dated 29-4-90. |
| Do. ... | 516 6 0 | Do. | ..... | Do. | Do. | Do. do. | Do. 29-4-90. |
| General water and Halalr. taxes. | 653 3 9 | Do. | ..... | 1-5-90 | 21-4-90 | Do. p. 27 | Do. 1-5-90 } 1 Receipt. |
| Do. ... | 733 15 3 | Do. | ..... | Do. | Do. | Do. do. | Do. do. } |
| Water tax by meter. | 360 0 0 | 14-8-90 | ..... | No entry | 19-8-90 | Do. p. 75 | Do. 20-8-90. |
| Do. ... | 20 4 0 | Do. | ..... | Do. | Do. | Do. do. | |
| Wheel and horse tax. | 11 0 0 | 21-4-90 | ..... | 21-5-90 | 28-7-90 | Do. p. 37 | Do. 28-7-90. |
| Water tax by meter. | 3,318 0 0 | 26-4-90 | 4-5-90 | 5-6-90 | 22-5-90 | Do. p. 55 | Do. 5-6-90. |
| General and Hallalkhor taxes. | 471 7 6 | 1-4-90 | 25-4-90 | 5-5-90 | 13-5-90 | Do. p. 42 | Do. 8-5-90. Applied for notice of demand on 20-8-90. |
| Water tax by meter. | 552 12 0 | 28-4-90 | 4-5-90 | 26-5-90 | 7-5-90 | Do. p. 56 | Receipt dated 2-5-90. |
| Do. ... | 1,261 8 0 | Do. | Do. | Do. | Do. | Do. do. | |
| Do. ... | 831 0 0 | Do. | 23-5-90 | 17-6-90 | 4-6-90 | Do. p. 62 | Do. 28-5-90. |
| Do. ... | 371 4 0 | Do. | 4-6-90 | 25-6-90 | 24-7-90 | Do. p. 63 | No date on receipt. |
| Do. ... | 695 4 0 | Do. | 24-6-90 | 30-6-90 | 28-7-90 | Do. p. 64 | Receipt dated 28-7-90. |
| Special Halalkhor tax. | 81 12 0 | 1-5-90 | Do. | Do. | Do. | Do. do. | |
| General tax only | 721 14 0 | 1-4-90 | 10-5-90 | 5-6-90 | 14-5-90 | Do. p. 58 | Do. 28-4-90. Application for notice of demand on 20-8-90. |
| Water tax by meter. | 830 0 0 | 29-4-90 | 11-5-90 | 30-5-90 | 28-5-90 | Do. p. 59 | Receipt dated 30-5-90. |
| Do. ... | 1,069 0 0 | 22-5-90 | 4-6-90 | 21-6-90 | 21-6-90 | Do. p. 63 | Do. 16-6-90. |
| Do. ... | 1,210 0 0 | 19-6-90 | 25-6-90 | 5-7-90 | 28-7-90 | Do. p. 64 | Do. 28-7-90. |
| Total...Rs. | 14,225 0 6 | | | | | | |

## BOMBAY MUNICIPALITY.

STATE

*Details of a Meter Hire Bill, the amount*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | ..... | E | 8170 to 8171. | ... | Ghorupdeo Road. | 52 to 56 | The Secretary, Kaiser-i-Hind Mill. | 110 | 9th May 1890 to 8th May 1891. |

## APPENDICES.

### MENT V.

*of which has been misappropriated.*

| Bill. | | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books. | Date of payment by Owners. | How dealt with in the A Ward Collection Book. | REMARKS. |
|---|---|---|---|---|---|---|---|
| Nature of Taxes. | Amount of Bill. | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Rs. a. p. | | | | | | |
| Meter hire. | 20 0 0 | 8-5-90 | 28-5-90 | ... | 4-6-90 | Not entered in Collection Book. | |

BOMBAY MUNICIPALITY.

STATE

*Details of the 8 Bills not collected, the amounts of which were paid in*

| Consecutive No. | Reference to Ward Collection Book (Form No. 16). | The property to which the Bill has reference. | | | | | Name of Person liable. | Details of | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ward. | Ward No. | Sub. No. | Locality. | Street No. | | Bill No. | Period. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Vol. 1, p. 57. | G | 1007 | 1 | Haines Road ... | 12 | Sir Dinshaw Manekji Petit, Kt. | 743 | 1st half, 1890-91 (April to September 1890). |
| 2 | Do. ... | G | 1032 | 2 | Ferguson Road... | 37A | Do. ... | 753 | Do. ... |
| 3 | Do. ... | G | 1786 | ... | DeLisle Road ... | 784 | Do. ... | 947 | Do. ... |
| 4 | Vol. 1, p. 58. | G | 1911 | ... | Do. ... | 907 | Do. ... | 986 | Do. ... |
| 5 | Do. ... | G | 1986 | ... | Do. ... | 982 | Do. ... | 1014 | Do. ... |
| 6 | Do. ... | G | 2256 | ... | Do. ... | 310 | Do. ... | 1118 | Do. ... |
| 7 | Do. ... | G | 2521 | ... | Do ... | 33 | Do. ... | 1272 | Do. ... |
| 8 | Do. ... | G | 2526 | 2 | Do. ... | 38A | Do. ... | 1275 | Do. ... |

APPENDICES.

MENT **VI.**

*on 12th June 1890, but the Bills are shown as outstanding.*

| Bill. | | Date of issue from Head Office. | Date of transfer to A Ward Office. | Date of presentation as shown in Collection and Field Books. | Date of payment by Owners. | How dealt with in the A Ward Collection Book. | REMARKS. |
|---|---|---|---|---|---|---|---|
| Nature of Taxes. | Amount of Bill. | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| General tax. ... | Rs. a. p. 0 10 6 | 1-4-90 | 1-5-90 | 5-6-90 | 12-6-90 | Shown as outstanding, p. 57. | Reported in a Remittance Report of 12th June 1890. |
| Do. ... | 0 7 0 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 0 7 0 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 0 4 11 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 0 5 7 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 0 10 6 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 0 4 11 | Do. | Do. | Do. | Do. | Do. | |
| Do. ... | 1 8 6 | Do. | Do. | Do. | Do. | Do. | |
| Total...Rs. | 4 10 11 | | | | | | |

# Appendix G.

To His Excellency the most Hon'ble
Sir Henry Charles Keith, Petty Fitzmaurice,
MARQUESS OF LANSDOWNE, G.C.M.G.,
G.M.S.I., G.M.I.E.,
VICEROY AND GOVERNOR-GENERAL OF INDIA IN COUNCIL.

## The humble Memorial of the Bombay Municipal Corporation.

Sheweth That—

Your Memorialists consider this a suitable opportunity to solicit the attention of your Excellency in Council to the whole question of the apportionment of the cost of the Police of the City of Bombay between the Local Government and this Corporation, now that the subject is before your Excellency's Government on the application of the Bombay Government for sanction to a permanent augmentation of the Police force. Your Memorialists have received a letter from the Bombay Government (Appendix A), No. 1832, dated 25th March, in which they are informed that they will be required to pay in the middle of their financial year, after all their budget arrangements for the year have been completed and settled, a further sum of Rs. 1,91,711 beyond the sum of Rs. 2,68,752 hitherto paid by them, and that Government can only undertake to promise the continuance of the contribution of Rs. 90,000 hitherto paid by them for a period of two years further, hinting thereby that from 1893 this Corporation may be called upon to pay Rs. 5,83,784 for the cost of the Police, *i.e.*, to say virtually, the whole cost thereof. Your Memorialists propose respectfully to submit to your Excellency in Council that not only the present increased burden which the Bombay Government seek to cast on the Corporation, but the whole sum which is levied from them for the cost of the Police is levied unjustly, inequitably, unequally, and in a manner to excite feelings of just and angry discontent in the rate-payers of this City.

2. This Corporation do not for a moment dispute that under Section 62 of their new Municipal Act which was passed in 1888, being No. III of that year, the Government are empowered to levy from them "such proportion of the "annual expenses of the Police of the City as Govern- "ment shall from time to time determine." At the same time it is perfectly clear that the Legislature has imposed upon Government not an obligatory duty to levy the full amount, but conferred a discretionary power to levy such a proportion as they may from time to time determine. Your Memorialists venture to think that it will not be gainsaid that, when the Legislature confers such a discretionary power upon a responsible Local Government, it is in the full assurance and expectation that that discretion will be exercised according to the dictates and requirements of justice, equity, and fair-dealing. In their Resolution No. 2835, dated 19th July 1889, Government were pleased to observe that "the provision contained in Section "62 of the City of Bombay Municipal Act entirely super- "sedes any prior arrangements and understandings between "Government in its executive capacity and the Municipal "Corporation. It imposes on Government the duty of con- "sidering, from time to time, what is a fair contribution "to demand, and on the Corporation the duty of complying "with such demand as may be made." The Corporation gladly admit that Government justly recognize the duty of a fair demand under Section 62, but they cannot but view with the utmost surprise the declaration that the provision entirely supersedes any prior arrangements and understandings between Government in its executive capacity and the Municipal Corporation. If it is meant to convey that in the exercise of the discretion vested in Government, they are entitled to give the go-by to all prior arrangements and understandings in determining what would be a fair proportion to demand, then this Corporation beg to offer their respectful but firm protest against what would substantially be no less than a breach of faith. They say that the section, far from giving legal sanction to any such breach, is clearly framed so as to allow all prior arrangements and understandings their full and proper weight in the determination of a fair proportion.

The Corporation venture to submit that in determining such a proportion under the statutory power possessed by

Government, they are entitled to receive fair and equal treatment in the apportionment of the Provincial revenues with other parts of the Presidency. It is that and that only for which they pray; and they say that, if such fair and equal treatment is accorded to them, they are entitled to be relieved altogether from the burden of paying any portion of the cost of the Police.

3. In 1864, the Municipality (as then constituted) contributed a sum of Rs. 88,540-12-2 on this account. In that year a Bill was introduced into the Local Legislative Council to organize the Municipal Administration of the City on a systematic basis. While the Bill, which was in charge of the Hon'ble Mr. Cassels, was in Select Committee, the Government of India issued their Resolution No. 2245 of 31st August 1864 (Financial Department), in which they laid down that "the expenses especially "required for the purposes of town populations should "be defrayed by those populations; but the expense of "the Police employed in towns for Government purposes "should be defrayed by Government," and went on to say "certain limits should be fixed within which it should be "at the discretion of the Government of India on the "recommendation of the Local Government" (at this time the Provincial Contract System was of course not in force) "to exempt particular places from their liability for defraying the expense of their Police. The maximum exemption may, perhaps, be fixed at one-fourth of the cost of the "Municipal Police of every such place, no account being "taken of the cost of the Government Establishment, "* * * the strongest case for the enjoyment of this "privilege is that of the principal seaports, to which it "might properly be conceded."

In consequence of receiving this despatch, a section was added to the Bill in Select Committee, which afterwards became Section 224 of the Bombay Municipal Act II. of 1865, by which it was enacted: "The annual expenses "of the Police of the City *shall* be paid out of the Municipal Fund."

The transfer of Police charges from the State to the Municipality, which was effected by Act II. of 1865, was made in pursuance of the general policy laid down by the Government of India and in the full expectation that it would be carried out throughout the Presidency and the

whole country. This can be easily seen by a reference to the debates in the Bombay Legislative Council. On 1st February 1865, on the second reading of the Bombay Municipal Bill, the Hon'ble Mr. White, Advocate-General, made the following remarks :—

"He should wish to be informed on what principle the "213th and 214th sections had been framed. These "clauses provided that the annual expenses of the Bombay "Police should be paid out of the Municipal Fund * * *. "From the report of the Select Committee, it appeared "that these sections had been drafted in accordance with "some suggestion contained in a Resolution of the "Government of India. If the Council were satisfied "that this suggestion must be acted on in passing the "present Bill, he hoped that legislation in this direction "would not be of a partial character. If the Police were "made a local charge in Bombay, they clearly ought to "be made a local charge throughout the Presidency, else "the burden of paying for the mofussil Police would be "partly thrown on the tax-payers of Bombay. This was "what partial legislation would amount to. He entirely "approved of the principle, but objected to the Bombay "people paying for other than their own Police."

To this the Hon'ble Mr. Cassels, who was in charge of the Bill, replied as follows :—

"The order of the Government of India by which "the expense of maintaining its Police is to be paid "by each Municipality, arrived a few days before the close "of last Sessions, and consideration of the Bill was "immediately suspended until the order of Government "had been considered. In the Government Resolution it "was shown that throughout India there was a variety of "ways by which the Police of towns was supported. "Some towns,—and he did not mean the Presidency towns "alone,—supported their own Police, some contributed "one-fourth, others a half towards their expenses, and "others did not contribute anything at all. The Govern-"ment of India have ordered,—and that order is no doubt "in process of being carried out,—that one uniform system "should be introduced into India, by which the expenses "of local Police should be paid out of local funds."

4. The reason why Bombay was to be made liable in her new Municipal constitution for her Police as a local

charge was because a similar policy was to be applied to all other parts of India. Bombay was not to be treated exceptionally. She was not, as a contributory to the general revenues, to pay for Police elsewhere, while, as the raiser of her own rates, she was to tax herself for her own Police. As remarked by Mr. White, such legislation would have been partial legislation. Bombay was to be made pecuniarily liable like all other parts of the country for this among other local burdens ; but in pursuance of the considerations which led the Government of India to apply a partial exemption to great seaports, she was, in fact, to be exempted to the extent of 25 per cent. But the principle on which this exemption or favor was to be allowed was, it is to be borne in mind, one of a relative character, which required reference to the status of other localities in order to ascertain. It was that great seaports were,—not to obtain the naked advantage of a contribution of 25 per cent. from Government without reference to conditions elsewhere, *but*—to be reckoned as justly claiming from the State 25 per cent. more indulgence than other localities ; and if the latter were or were to be untaxed for the maintenance of the Police, that Bombay and other great seaports were to be untaxed, and something more. Your Memorialists submit that this is the undoubted construction of the policy and the legislation of the time, and that any other is impossible. Mr. Cassels in charge for Government of the Bill of 1865 could only defend the imposition of Police charges on the Municipality by explaining it as being a part of a policy which was being applied to the whole country—"one uniform system ordered by the Government of India." This was the unquestionable understanding on which the Bill making this new departure was passed into law. If therefore it can be found on enquiry that Bombay has been treated differently from the rest of the Presidency in this particular, if the charges on the urban and rural districts of the Presidency in respect of the Police have not proceeded *pari passu* with the charges made in Bombay, then this solemn guarantee has been broken, and Bombay has reason to complain.

Your Memorialists believe that, so far as rural districts are concerned, the Police have never been paid for locally ; the population of Bombay, in addition to rating

themselves for their own Police have always, as tax-payers, helped to keep up the rural Police of the mofussil. So far, therefore, the "system" spoken of as to be "uniform" has, to the detriment of Bombay, failed to be so. But it is a singular fact that that passion for uniformity which was quoted to justify the change made by Bombay Act II. of 1865, did not even extend to the urban districts of the mofussil. No town municipality in this Presidency, with the exception of the capital and one or two towns in Sind, was, as far as your Memorialists are aware, called on to contribute to its Police previous to the Decentralization Scheme and Bombay Act I. of 1871. The excuse and the justification for the burden thrown on Bombay by Act II. of 1865 were apparently mere verbiage; as soon as Bombay was fettered the "uniform policy" vanished away, and it may be added that a reference to the debates on Bombay Act I. of 1871 will show that a member of the Government had either so completely forgotten, or was able so completely to ignore, past pledges that, wholly inverting the declaration of the Supreme Government, he soothed the municipalities of the mofussil by pointing out to them that the statement that the "'*entire* charge of the "'Police was to devolve on the municipalities throughout "'this Presidency' was true only when confined to the "City of Bombay." (Speech of Hon'ble Mr. Tucker, Bombay Legislative Council, Bill No. 1 of 1871, 21st April 1871.)

Your Excellency in Council will, therefore, at once perceive that up to 1871 the City of Bombay did not receive equal treatment with either the Municipalities or the rural districts of this Presidency, far less the more favorable treatment which, as a great seaport, she was entitled to. Your Memorialists will not dwell on what seemed to the Hon'ble Mr. Tucker on the occasion referred to, to be a sufficient justification for unequal treatment, *viz.*, "The "superior wealth and other numerous advantages" of Bombay. Vague statements like this may be made to justify anything; and if Bombay is prosperous the demands on its revenues are correspondingly heavy. No other city in India has more, probably none has so much, demanded of it.

5. In 1871 a great and important change of policy, known indifferently as the Decentralization Scheme and

the Provincial Contract System, affected the whole of this Presidency,—the capital and the mofussil alike. In the middle of the year, after the Municipal Budget had been passed, it was suddenly announced that the Government contribution of 1 lakh of rupees to the City Police, which had now become payable from the Provincial and no longer from the Imperial Exchequer, but for which the Government of India had made allowance in allotting the Provincial assignment to this Presidency, was to be withdrawn. The Corporation will not weary your Excellency in Council with a recapitulation of the discussions that followed; but the argument by which Government justified their action may be taken *verbatim* from two letters from Government to the Clerk of the Peace, dated respectively 31st July 1871 and 15th December 1871 :—

"The withdrawal of the monthly payment which has "hitherto been made by Government for the maintenance "of the City Police was determined on at the time when "the Provincial Budget was fixed, because it appeared "the most convenient and least onerous method of obtain-"ing from the inhabitants of the City a portion of their "share of the supplemental taxation which had been "rendered necessary in consequence of the insufficiency of "the Imperial grant to meet the growing requirements of the "Presidency. I am instructed to remind you that, except "by the diversion of this sum from the Municipal Exchequer, "the town and Island of Bombay has not as yet been "called on to contribute to this supplemental taxation."

Again letter from Government to the Clerk of the Peace, dated 15th December 1871 :—

"The action of Government in the withdrawal of the "contribution was dictated by an anxious desire to avoid "the necessity of imposing new taxation in the City of "Bombay. The withdrawal of the Government grant "towards the expenses of the Police was accompanied by "a contemporaneous relief of the City of Bombay from an "amount of taxation which would have largely exceeded "the contribution."

In the controversy in which they were used these arguments no doubt possessed some force; but it is observable that they clearly indicate that the Government contribution was withdrawn, not because it was unreasonable, improper, or such as could not fairly have been claimed,

but simply and solely as an equivalent for additional Provincial taxation (the non-agricultural tax), which the necessities of the time had compelled Government to impose. It was obvious, therefore, that the instant those necessities so far ceased as to enable Government to dispense with the supplemental taxation referred to, the claim for the renewal of the Police grant again became alive, and the people of Bombay would, on Government's own showing, be unfairly taxed as compared with the rest of the Presidency, unless that grant were renewed. But it was not renewed. Although the non-agricultural tax was only levied for a single year, the Government contribution to the Police, which the existence of that tax had been made an excuse for withdrawing, was still withheld in spite of the representations and remonstrances of the Municipal authorities. The position of Bombay was therefore growing worse and worse as time went on. In the first instance, all India was to be treated alike, except that some favor was to be shown to great seaports. On this understanding the law was changed so as to charge Bombay with its own Police and tax the rate-payers to maintain them ; but Government contributed 25 per cent. of the charge ; meanwhile, the rest of the Presidency was not being treated in the same way, but, on the contrary, the rate-payers of Bombay, in their capacity as tax-payers, were maintaining the Police of the mofussil as well as their own ; and when at last some (not all) of the mofussil Municipalities were called on to pay a small proportion of the cost of their Police, Bombay was called on to pay the whole. In the meantime the law for mofussil Municipalities was changed by the passing of Bombay Act VI. of 1873. This was the first really valuable Municipal Code outside the capital, and the past history of the question having been what it was, it might have been supposed that some attempt would be made to equalize the conditions between Bombay and the mofussil as far as Police charges were concerned. Section 24, Clause 1, of the Act prescribes, among other objects on which the Municipal Fund is to be expended, the—

" Defraying such proportion, not exceeding one-half, " of the charges of every description of the Police who may " be *bonâ fide* employed for the security of life and property " within the Municipal limits, as the Governor in Council

"may direct, after consideration of the representations of "the Police Commissioner, the Municipality," &c.

Before this, Bombay Act III. of 1872 had been passed, which re-enacted practically in the same words as Act II. of 1865, the liability of the Bombay Corporation. The position of things in 1873, then, was that Bombay, instead of being one-quarter better off than Municipalities elsewhere was twice as badly off, even on the supposition that the latter actually were called on to pay for half of their Police, which your Memorialists believe they never were, unless it might be in occasional instances when punitive Police had been imposed.

6. On the 11th November 1873 the Municipal Commissioner addressed a strong appeal to Government, to which a reply was received, which your Memorialists quote at length, because it seems to them fully to justify their apprehensions of unfair treatment so long as the authority to prescribe the measure of their contribution rests with the Government, which is interested in making it as large as possible.

GOVERNMENT RESOLUTION.

No. 1610.

GENERAL DEPARTMENT,

BOMBAY, *9th June* 1874.

RESOLUTION.—His Excellency the Governor in Council has no disposition to dispute the soundness of the arguments by which the Municipal Commissioner supports a claim on the part of the Municipality of Bombay to a contribution by Government of Rs. 90,000 towards the cost of the Police, founded as those arguments are on the history of the past negotiations between the Government and the Municipality and on the examples of the Cities of Calcutta and Madras, in which payments equivalent to that now asked for are understood to be made by the respective Governments.

2. His Excellency in Council would be glad to give effect to this view, if he were really in a position to incur a permanent liability of such magnitude. It must, however, be within the knowledge of the Corporation that when the Government of India, by their Minute of the 14th December 1870, established that distinction between Imperial and Provincial Revenue and Establishment which is known as the "Decentralization Scheme," they admitted their regret that the scheme could not be carried out without charging upon Provincial resources some part of the then existing Imperial expenditure; in other words, without calling on the Provincial Governments to pay charges exceeding the sum allotted to meet them.

The Government of Bombay of the day therefore determined, after much deliberation, to impose on the non-agricultural rural population what was termed the non-agricultural cess; to require of the inhabitants of the smaller towns a contribution towards the cost of their Police; and to withdraw from the City of Bombay that contribution towards the cost of its Police which had been previously paid.

No long time elapsed, however, before this Government became aware that the non-agricultural cess was the cause of so much hardship, and gave rise to such discontent as to require the suspension of its collec-

tion with a view to its ultimate abandonment. This step was followed by the withdrawal of the demand for contributions from the smaller towns, and would, if it had been practicable, have been likewise followed by the revival of the contribution on the part of Government for the Police of Bombay. But the truth is, that with an allotment from the Imperial revenues so limited as that which they now receive, and subject as they are to extreme pressure by other demands from every quarter, they are unable to undertake the responsibility of pledging themselves to the payment of the contribution asked for by the Municipality. They have endeavoured to the best of their ability to explain to the Government of India the difficulties under which they labour, and to suggest means by which they could be relieved, they are most reluctant again to have recourse to Provincial taxation; but unless they can obtain relief in some other shape, they will be compelled to do so before they can meet the demand of the Municipality.

3. The subject will continue to engage the attention of His Excellency in Council, but for the present, while unable to obtain an addition to the Provincial allotment, and while unprepared to have recourse to Provincial taxation, he is compelled to decline complying with the request of the Municipality.

This Resolution speaks for itself. It amounts, in effect, to a distinct admission that, the power to do so being in existence, the funds of the Municipality were being misappropriated by Government to supply the necessities of the State. On receiving this Resolution the Corporation addressed a memorial to the Government of India, dated 12th August 1874, but the answer of that Government, dated 22nd January 1875, which was to the effect that the "Governor-General in Council sees no reason for interfering" was not much satisfaction to them. In the meantime, however, the validity of their grievance had received tardy recognition from the Government of Bombay, who, by Resolution No. 497 of 8th February 1875, informed them, that "the Police contribution which was made by "Government to the Municipality prior to 1871, amounting to Rs. 90,000, will be made in 1875-76." But they added, "it must, however, be clearly understood that the "continuance of this contribution must depend on the condition of the Provincial finances, upon their ability to meet "other and more pressing demands, and upon the decision "of the Government of India on the representations that "have been made to them of the inadequacy of the Provincial allotment." In their answer to the Corporation of 22nd January 1875, the Government of India had informed the latter that "the annual contribution towards "the cost of the Police of the Town of Bombay * * * "had been taken into account by the Government of India "in fixing the consolidated allotment of Imperial revenue

"made to the Government of Bombay for Provincial "Services," so that it was evident that funds allotted for a special purpose by the Government of India were being, and had been, diverted to other purposes by the Government of Bombay at the expense of the Municipal Corporation. On 4th March 1875 the Government of Bombay, in Resolution No. 792, definitely announced that they would be unable to continue their contribution in 1876-77. Upon receiving this intimation the Corporation prepared a memorial to the Secretary of State, which is dated 6th May 1875, and in which among other comments the following remarks are made :—

"The Government of India, equally with the Government "of Bombay, admits the claim of the Municipality to be "well-founded ; but entrenching itself behind the Decentra- "lization Resolution, it refuses to restrain the freedom "of action of the Government of Bombay, even when that "Government intercepts a grant made out of the Imperial "revenues for the benefit of the Municipality of Bombay, "and applies it to other purposes. Both Governments, in "fact, acknowledge that the Municipality ought to get the "Police grant, and is very badly used in not getting it, but "both, at the same time, help one another to withhold it."

This memorial had its effect, though it never reached its destination ; and on 28th January 1876, by letter No. 366, Government informed the Municipal Commissioner that they had received a letter from the Government of India, "expressing a hope that they would reconsider their deci- "sion, and, by continuing the grant to the Municipality, "render it unnecessary to deal with the memorial to the "Secretary of State." Government therefore "acceded to "the request" that the contribution should be paid for 1876-77. The same difficulty, however, soon recurred. The Municipal Commissioner was informed that the Municipal Budget for 1877-78 should be prepared on the assumption that the Government contribution would not be forthcoming ; whereupon the Corporation resolved that the Government of India should be requested to send on their memorial to the Secretary of State, with the consequence that in a few months Government again "reconsidered their decision" and ordered the contribution to be paid, and it has been paid ever since.

7. The Corporation will not dwell on the attempt which was made in later years by the Government of Bombay

arbitrarily to appropriate for the purposes of the Contagious Diseases Act a portion (Rs. 15,000) of the State contribution to the Police,—an attempt which was not countenanced by the Secretary of State or the Government of India (*vide* Government of India to Secretary of State, 16th June 1882, Secretary of State to Government of India, 26th October 1882, Secretary of State to Government of Bombay, in continuation of despatch of September 1881; Government of India to Secretary of State, 20th February 1883; Secretary of State to Government of India, 3rd May 1883; Secretary of State to Government of Bombay, 3rd May 1883); but will pass direct to the year 1881 when the Government of India directed a further extension and development of the policy of Local Self-government which had been inaugurated by Lord Mayo. The policy enunciated and enforced in the now famous Local Self-government despatches of the Government of India of 1881 is so well known that it will be sufficient if your Memorialists draw the attention of your Excellency in Council to para. 4 of the despatch of 13th October 1881.

"His Excellency in Council observes that the total "annual amount spent on Police by Municipalities in "British India amounts to about 27½ lakhs of rupees; the "only function which the Municipalities discharge in regard "to Police is the provision of funds for the purpose of "meeting the whole or a portion of the cost of the Municipal Police Force. They practically exercise no control "over the Police, and cannot therefore be expected to "take any special interest in the efficiency of the Force, or "to look with sympathy on a provision of the law *which* "*treats them as a machinery for raising taxes to be spent* "*on a department over which they have no control*, and in "the efficient and economical expenditure of which they "have but little direct interest and no immediate responsibility. *The Governor-General in Council would* "*therefore be glad to see Municipal bodies relieved altogether of the charge for Police, an equal amount of* "*expenditure on education, medical charity, and, if* "*possible, public works of local interest being transferred to* "*them* with as full control as may be practically expedient "over the details of such expenditure."

After a great deal of correspondence the Bombay Government consented to carry out the policy thus promulgated by the Supreme Government, and passed the Bombay

Local Boards Act (I. of 1884) dealing with the rural Mofussil, and the Bombay District Municipal Act Amendment Act (II. of 1884) dealing with the urban Mofussil. Under the former the rural Mofussil retained its old privilege of relief from Police charges. By the latter, the discretionary power vested in Municipalities to contribute to the cost of education and medical relief was changed into an obligatory duty, while on the other hand they were altogether relieved of the burden of contributing anything towards the cost of the Police.

Section 24 of Act II. of 1884 charges them with the obligation of making adequate provision for—

"Establishing and maintaining public hospitals and "dispensaries and providing public medical relief;"

"Providing special aid and accommodation for the sick "in time of epidemic diseases;" and

"Establishing and maintaining middle class and primary "schools."

Even under the previous Act the contribution of Municipalities towards the cost of Police was, except in Sind, almost nominal, as the following table shows :—

| | | *Out of which* |
|---|---|---|
| 1878-79 | | |
| Rs. 1,31,016 | (Sind | 96,843 |
| | Surat | 23,006 |
| 1879-80 | | |
| Rs. 1,24,253 | (Sind | 77,926 |
| | Surat | 33,414 |
| 1880-81 | | |
| Rs. 90,842 | (Sind | 59,271 |
| | Surat | 18,640 |
| 1881-82 | | |
| Rs. 86,408 | (Sind | 57,477 |
| | Surat | 20,430 |
| 1882-83 | | |
| Rs. 89,120 | (Sind | 61,059 |
| | Surat | 18,059 |
| 1883-84 | | |
| Rs. 89,887 | (Sind | 62,346 |
| | Surat | 17,905 |
| 1884-85 | | |
| Rs. 54,837 | (Sind | 46,235 |
| | Surat | 1,990 |
| 1885-86 | | |
| Rs. 46,040 | (Sind | 35,899 |
| 1886-87 | | |
| Rs. 31,121 | (Sind | 23,891 |
| 1887-88 | | |
| Rs. 23,664 | (Sind | 19,897 |
| 1888-89 | | |
| Rs. 9,026 | (Sind | 4,434 |
| 1889-90 | | |
| Rs. 3,429 | (Sind | 3,207 |

The Act legally relieved them from even this nominal burden.

8. Owing to various causes there was considerable delay in initiating legislation for the purpose of carrying out the new policy so far as the City of Bombay was concerned. When, however, the Bombay Municipal Act III. of 1888 was passed, the opportunity was not neglected of imposing new burdens on the City (corresponding to those imposed on Municipalities in the mofussil), which under the Acts of 1873 and 1878 were only optional. By Section 61, your Memorialists are charged with the obligation of making "adequate provision" for

"(*g*) measures for preventing and checking the spread "of dangerous diseases;"

"(*q*) maintaining, aiding and suitably accommodating "schools for primary education."

They have already quoted above Section 62 regarding the cost of the Police under the new Act, and they submit that they are entitled in justice and equity to be treated, under the discretion vested by that section in Government, in the same way as, and in pursuance of the same policy as was adopted for, the Mofussil Municipalities, and was indubitably intended to be equally applied to the whole Presidency.

9. The inequality and injustice of the treatment under which the rate-payers of this City have laboured ever since 1865 has been much aggravated by the arbitrary manner in which the Bombay Government have deprived them of the full proceeds of one of their local sources of revenue, *viz.* fees for liquor licenses. These fees were a source of Municipal revenue, certainly as far back as 1845, and probably for more than thirty years earlier. But in 1878, Government passed a local Act, by a provision in which, they ostensibly proposed to give a lump sum as fairly representing the amount of the revenue by taking an average of the seven previous years. In reality, they confiscated a great portion of it. It was provided by Section 63 of Bombay Act V. of 1878 that—

"Whereas it was provided by Section 14 of Bombay Act "IX. of 1867 that all money realized, collected, or obtained "by the issue of licenses, or by forfeiture, or by imposition "or infliction of fines and penalties under the said Act "should be carried to the credit of the Municipal Fund of "the City of Bombay for Municipal purposes, it is hereby

"enacted that, in lieu of the money hitherto so received by "the Municipal Corporation of the City of Bombay, a "fixed sum of Rs. 1,43,750 shall, from and after the 1st "day of August.1878, be annually paid by Government to "the said Corporation for the said purposes."

How detrimental to the Corporation this appropriation of an ancient source of revenue on such terms has been may be seen from the following figures extracted from the Bombay Presidency Administration Reports :—

*Revenue derived from Liquor License Fees by Government.*

| | Rs. |
|---|---|
| 1878-79 ... ... ... | ... 1,51,500 |
| 1879-80 ... ... ... | ... 2,16,595 |
| 1880-81 ... ... ... | ... 2,33,797 |
| 1881-82 ... ... ... | ... 2,25,000 |
| 1882-83 ... ... ... | ... 2,25,064 |
| 1883-84 ... ... ... | ... 2,56,000 |
| 1884-85 ... ... ... | ... 2,63,230 |
| 1885-86 ... ... ... | ... 2,55,192 |
| 1886-87 ... ... ... | ... 2,97,801 |
| 1887-88 ... ... ... | ... 2,92,844 |
| 1888-89 ... ... ... | ... 2,92,559 |
| 1889-90 ... ... ... | ... 3,01,838 |
| | Rs. 30,11,420 |

The Corporation has more than once appealed to Government, notably in 1884, (*vide* Appendix B) for redress in respect of so grievous an injustice. The only reply they have ever obtained from Government was to the effect that, "as regards the proposed amendment of Section 63 of "Bombay Act V. of 1878, the Governor in Council, as at "present advised, is not disposed to consider that the "Corporation have a right to insist upon an increase in "the amount of compensation for the loss of liquor licenses "provided in that section. A Bill for the amendment of "Bombay Act V. of 1878 is, however, at the present "moment under the consideration of His Excellency the "Governor in Council, and when that Bill is introduced "into the Legislative Council the Corporation will have "every opportunity of expressing their views on the sub-"ject." That opportunity has, however, never come.

10. Your Memorialists are aware that, when the Corporation claimed in 1884 to be relieved of the cost of the Police, it was stated in the reply given by Government that, "for the purpose of meeting those charges, the proceeds of

"the duty on tobacco and snuff have been made over to the "Municipality, and a Police rate, now included in the con- "solidated rate, is levied." In the first place this statement is not historically accurate. Just as other local revenue was employed by Government for what they considered Municipal purposes at the time, so was the revenue of the tobacco duties directed to be used for (*a*) the maintenance of the Fire Brigade; (*b*) remuneration to bhistees on occasions of fire; (*c*) the establishment of the clerk of the peace; and (*d*) half the cost of the Police. This employment of the revenue did not in any way divest it of its local character. But it is no less interesting than instructive to note that the Municipality now pays for the maintenance of the Fire Brigade alone a sum of Rs. 1,44,800, nearly equal to the whole revenue derived from this source. But, in the second place, for whatever purpose it was employed at one time (as other Municipal revenue has, from time to time, been employed for defraying a portion of the cost of the Police), the duty is entirely a town duty on tobacco of exactly the same character as other town duties on other articles of consumption in the City. This has been acknowledged by the Government of India in their letter No. 3130 of 31st October 1886 to the Bombay Government, wherein they say, "The tax on tobacco and snuff *being of the nature* "*of a local tax*, the Governor-General in Council is pleased "to sanction its transfer to the Bombay Municipality; but "not the tax on ganja which is not local, and the revenue "derived from which stands on the same footing as the "revenue from opium licenses." Indeed the Bombay Government are guilty of the same fallacy in treating tobacco duties in regard to the question of the cost of the Police, as they are guilty of in arguing that the Police rate was given to the Corporation by Government to meet the cost of the Police. Nobody has ever denied that the rate-payers of the City have been graciously given the powers of putting their hands in their own pockets and taxing themselves, either by a rate on property, or a duty on articles of consumption in the City. But the question is not of the power of raising the money for meeting the burdens that may be cast upon them. The question is, whether it is fair and just to ask them to tax themselves for burdens which are not equally distributed over the whole Presidency, but which are cast on them alone.

11. The Corporation think it their duty to point out that, if the Government of Bombay persist in saddling them with the cost of the Police, it will seriously hamper Municipal improvement and progress. Such a burden will fall so heavily on the tax-payers that it will be almost impossible to raise revenue for works, urgent and necessary—notably drainage works.

The Corporation need hardly point out that to ask the Municipality to pay so large an additional sum in the middle of the financial year is to gravely disturb and disarrange all their financial arrangements for the year. They are afraid that it will be impossible for them to meet the demand without stopping the progress of most desirable and needful works and improvements.

12. Your Memorialists cannot rest content without soliciting a comparison between Bombay and not only other parts of this Presidency, but also other parts of India, and in particular the other two great capital seaports, Calcutta and Madras. Neither of these cities contributes to its Police. Calcutta, your Memorialists understand, has been recently relieved of the charge on the condition that it should spend an equal annual amount on the lately included suburbs. This is directly in conformity with the policy which prescribed the diversion of local expenditure on Police to education, medical charity and public works of local interest. The capitalised value of the 4½ lakhs now demanded would probably enable them to complete, or nearly so, the all-important work of draining and sewering the City, which has so often been pressed upon them from official quarters; nor, if they were relieved of this incubus, would they be likely to fall short of State requirements on other accounts. Government, in their letter No. 1832 of 25th March 1891, inform your Memorialists that "the "Finance Committee in 1886 expressed the opinion that "the contribution which Provincial revenues were paying "for the Bombay Police was neither fair to the general "tax-payer nor even legal"; and they go on to quote Government of India Resolution No. 467 of 28th January 1887, which says that "the general arrangement in "respect of the Presidency Police cannot be considered "final; and it is admittedly not in accordance with law "so far as regards the burden it imposes on the general "tax-payer."

Your Memorialists regret to be unable to follow this argument. The law, as at present constituted, requires the Corporation to pay "a proportion," any proportion, of the annual expenses of the Police of the City. The payment of one rupee per annum would amount to compliance with the law. Your Memorialists are not aware of any law which, while prohibiting the general tax-payer outside the City from contributing to the Police of the City, ordains that the general tax-payer within the City shall not only in that capacity contribute to the urban and rural Police of the mofussil, but also, in his capacity of rate-payer, pay for either the whole or the greater part of the Police of the City. This is what is at present either actually occurring or immediately foreboding. The rate-payers now pay ¾ths of the cost of the City Police and also contribute to the Police of the mofussil, and they are told that they may soon have to bear the whole cost of the former. Whether this be in accordance with law or not, it is a manifest infraction of the simplest principles of justice, and an equally manifest breach of the orders and of the declared policy of the Government of India. As far as your Memorialists are able to ascertain, that policy has been given effect to throughout India, except in the N.-W. Provinces and Oudh, the Punjab and the City of Bombay. The Municipalities of the N.-W. Provinces and Oudh paid in 1889-90 Rs. 4,26,123 on account of Police, the Municipalities of the Punjab Rs. 5,07,440. The Municipalities of Bengal, the Central Provinces, Madras and Bombay (except this City) paid nothing. The City of Bombay, therefore, is now called on to pay a sum equal to about one-half of what is paid by all the other Municipalities of H. M.'s Indian Empire (excluding Burmah) put together, Municipalities possessing a revenue of about 230 lakhs.

13. The Corporation desire in conclusion to point out that compliance with the demand of 4½ lakhs for the current year is a financial impossibility. They have already stated that their budget, as duly passed and sanctioned by themselves in accordance with the law, was forwarded to Government on 12th February last, and that the expenditure side of that budget showed an allotment on account of the Police of Rs. 2,58,289. The closing balance was also shown as Rs. 1,81,304, which included the one lakh which they are obliged by law to keep as a cash balance (*vide*

Section 126 (2) (*c*) of the Act). On 25th March, with this budget before them, Government made a demand which would absorb the whole cash balance, including the lakh referred to, and leave a deficit over and above of Rs. 10,407. In other words, in order to re-adjust their finances so as to meet this demand and at the same time comply with the law the Corporation must either impose fresh taxation to the extent of Rs. 1,10,407, or reduce their sanctioned expenditure, already at the lowest level consistent with efficiency, by the same amount. Either expedient is equally objectionable and inconsistent, in the opinion of the Corporation, with proper administration.

14. The Municipal Corporation of the City of Bombay most humbly and sincerely express their regret that it should have been necessary to trespass at such length on your Excellency's time, and with equal humility and sincerity solicit from your Excellency in Council a fair and unbiassed consideration of their case, with redress for a present and protection against a threatened wrong.

They have shown—

(*a*) That it was a principle of policy with the Government of India in 1864 that when Police charges were universally made local, great seaport towns should receive special assistance from the State.

(*b*) That when in 1865 the charges for the Police of the City were transferred to the rate-payers, it was done under the excuse and with the pledge that such charges were to be made local universally.

(*c*) That such charges were not made local elsewhere in this Presidency ; and the pledge given in 1865 was a fiction from the first.

(*d*) That when in 1871 the local Government proceeded to extend the liability to the mofussil, it was only to a few Municipalities, and in them the demand was light and ephemeral.

(*e*) That when in 1873 Municipal legislation for the mofussil was codified, the outside liability for Police charges was fixed at 50 per cent.

(*f*) That from 1871 to 1874 inclusive the Corporation of Bombay were compelled to pay the entire charges of their Police ; and that the local Government admitted the injustice of this proceeding, but excused themselves on the ground of financial exigency ; but that in 1875 the Govern-

ment contribution of (nominally) one-fourth was renewed under pressure of a memorial to the Secretary of State.

(*g*) That a main feature of Lord Ripon's Self-government Scheme was that Municipalities should be relieved of the cost of their Police and that all the Municipalities of the Bombay mofussil have been so relieved; and that while the Municipalities of the mofussil have been relieved of Police charges in return for a certain defined liability on account of medical charity and education, Government have saddled the Corporation with the latter without relieving them of the former.

(*h*) That the Municipalities of Calcutta and Madras contribute nothing towards their Police.

(*j*) That the Municipal Corporation of Bombay have therefore been, and are being, treated unfairly, unequally, and in opposition to the declarations of the Supreme Government, that large sums belonging to them have been arbitrarily misappropriated to the needs of the Provincial Exchequer, and that they are still exposed to claims untenable on any constitutional or equitable basis.

And they seek redress at the hands of your Excellency in Council.

*And your Memorialists, as in duty bound, will ever pray.*

G. COTTON,
*President.*

BOMBAY, 6*th August* 1891.

H. W. BARROW,
*Municipal Secretary.*

The Common Seal of the Municipal Corporation of Bombay affixed in the presence of

Seal.

COWASJEE HORMASJEE,
HARKISONDAS NAROTUMDAS,
Members of the Standing Committee of the Corporation.

APPENDICES.

## APPENDIX A.

No. 1832 OF 1891.

JUDICIAL DEPARTMENT.

*Bombay Castle, 25th March* 1891.

To THE PRESIDENT OF THE MUNICIPAL CORPORATION,
Bombay.

SIR,

I am directed to address you on the subject of increasing the strength of the Bombay Police Force and the financial arrangements connected therewith.

2. In March 1889 the Commissioner of Police represented to Government the inadequacy of the Force at his command to meet the ever-growing requirements of the City, and he recommended an increase of 407 officers and men. The Governor in Council considered that the subject required further discussion, and in June of that year the Municipal Commissioner and two members nominated by the Municipal Corporation were associated with the Police Commissioner and the Chief Magistrate of the Presidency for the purpose of submitting a report to Government. Their report was presented on the 31st of March 1890, and the conclusion which it conveyed was that the increase proposed was too moderate, and that an addition of at least 600 officers and men should be granted. It was pointed out that in Calcutta the ratio was one policeman to every 227 of the population, whilst an addition of 407 officers and men would still give only one policeman in Bombay to 481 of population. It appeared to Government, however, that the essential needs of the Presidency Town, as well as the increase of population, had been somewhat over-estimated ; and it was, above all, necessary for Government, to whom, under Section 62, Bombay Act III. of 1888, the Corporation is obliged to pay such proportion of the annual expenses of the Police of the City as Government shall, from time to time, determine, "to bear in mind that Municipal revenues will have to contribute towards the increased expenditure, and it is desirable to limit the demand upon them to the absolute exigencies of the case." Accordingly, on the 28th of May 1890, an augmentation of only 290 officers and men was suggested by Government in addition to certain corresponding increases of clerical establishment ; and in order that the revision of the original scheme might be undertaken with the help of those who would have to contribute to the cost, I was directed in my letter No. 2872, dated the 28th of May, to invite the Corporation to nominate a new member to take the place of their former nominee. In a later communication No. 3779, dated the 15th of July, I promised to address you again on the subject when the Committee's further report had been received.

3. I am now directed to inform you that the Committee have suggested the distribution of the additional Police as follows :—

| | Men. | | Pay. Rs. | a. | p. |
|---|---|---|---|---|---|
| Superintendents ... ... | 1 | @ | 500 | 0 | 0 |
| Inspectors... ... ... | 1 | 200-50 | 350 | 0 | 0 |
| European Constables ... | 1 | | 120 | 0 | 0 |
| Do. do. ... ... | 2 | | 110 | 0 | 0 |
| Jamadars ... ... ... | 3 | | 30 | 0 | 0 |
| Havaldars... ... ... | 3 | | 19 | 6 | 0 |
| Do. ... ... ... | 8 | | 15 | 8 | 0 |
| Constables... ... ... | 38 | | 12 | 9 | 6 |
| Do. ... ... ... | 44 | | 11 | 10 | 0 |
| Do. ... ... ... | 189 | | 10 | 10 | 6 |
| Total... | 290 | | | | |

They have also proposed the abolition of the lowest class of native constables, and the enhancement of the pay of all above that class according to a scale described. These proposals involve an additional expenditure of Rs. 6,082-0-6 a month, and the necessary increase under office establishment, with the proposals made on the subject of clothing and free quarters, entail a total additional expenditure of Rs.1,00,479, which it is calculated will raise the entire cost of the Bombay Police to Rs. 6,91,694. The scheme, however, requires in regard to certain items the previous sanction of the Government of India, and in regard to others the consent of other bodies which contribute, with the Municipality, to the cost of the City Police.

4. Assuming that the sanction of the Government of India will be obtained, I am to place before the Municipality the general financial effect of these proposals in order that the Corporation, which is the principal contributory to the cost of the Police, may receive the earliest intimation of the funds which it is called upon to provide. The gross cost of the Police force, as increased (excluding buildings but including Ramosis) is estimated to be in 1891-92 Rs. 6,91,694. The parties which will contribute to the total cost are public and private bodies, the Provincial Government, and the Corporation. It is estimated that the recoveries from public bodies and private persons will amount to Rs. 1,07,910, and the balance must be apportioned between the Corporation and Government. In fixing the contribution of the Corporation towards the balance of Rs. 5,83,784, the Governor in Council is obliged to bear in mind the termination of the present contract, and the uncertainty which hangs over the terms of the next Provincial contract. It is therefore necessary to premise that Government can only undertake to promise the contribution, which I am to specify, for a term of two years. It is within the recollection of the Corporation that the Finance Committee in 1886 expressed the opinion that the contribution which Provincial revenues were

paying for the Bombay Police was neither fair to the general tax-payer nor even legal. With reference to this criticism, the Supreme Government expressed the authoritative opinion in their Resolution No. 467, dated the 28th of January 1887, that "the present arrangement in respect of Presidency Police cannot be considered final; and it is admittedly not in accordance with law so far as regards the burden it imposes on the general tax-payer. It cannot be expected that unlimited increases to the Police establishment in the City of Bombay should be found at the charge of the General Revenues, and the Government of India cannot undertake to enhance its assignment in respect of these charges on account of any increases to establishment admitted by the Government of Bombay." The Governor in Council is, however, anxious to continue for the next two years the contribution of Rs. 90,000, in addition to the credits due to the Corporation on account of the maintenance of Queen's Statue and the Victoria and Albert Museum, as well as to the credits due on account of certain items in the account of expenditure. I am therefore to intimate that the contribution of the Corporation towards the net cost of this force, as shown above, is fixed at Rs. 4,50,000 during the next two years, and that the balance will be defrayed by Government out of General Revenues. I am to add that in the event of the Government of India seeing cause to withhold their assent to the recommendations of the Committee, a further communication will be addressed to you.—I have, &c.,

W. LEE-WARNER,
Secretary to Government.

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## APPENDIX B.

No. 1012 OF 1884-85.
MUNICIPAL CORPORATION OFFICE,
BOMBAY, 10*th October* 1884.

To

THE HON'BLE MR. J. B. RICHEY, C.S.I.,
Acting Chief Secretary to Government,
Financial Department.

SIR,

I have the honour to submit, for the information of Government, the recommendations which the Municipal Corporation of Bombay desire to make with reference to the concluding paragraph of your letter, No. 795, Financial

Department, dated 26th February 1883, on the subject of the extension of Local Self-Government in this City.

2. The Corporation are of opinion that the group of questions connected with the subjects under consideration might most conveniently be discussed under three heads, which should be kept distinct one from the other, but on all of which it is most desirable that a final settlement should be arrived at between Government and the Corporation as the issue of the present negotiations. These three heads or main questions may be stated as follows :—

(*a*) What are the heads of expenditure on Education, Medical Charity, and Public Works of local interest, which may suitably be transferred from Government to Municipal supervision with a reasonable prospect of equal efficiency of administration and development of usefulness ?

(*b*) Is the charge laid on the Municipality for defraying the greater part of the cost of the Police of this City an equitable one ?

(*c*) What outstanding claims made by the Municipality against the State should now be brought to the notice of Government with a view to some settlement thereof being arrived at ?

3. Regarding the first of these points it appears to the Corporation that the branches of administration and works which may with advantage be transferred to their charge are the following :—

Medical.

Educational.

1. Gokaldass Tejpall Hospital.
2. Five existing Anglo-Vernacular Schools.
3. Primary Schools.
4. Aid to indigenous schools, Government undertaking to provide such supervision and examination by its existing staff of Inspectors as the Municipality may consider necessary.

*Public Works.*

5. Victoria and Albert Museum.
6. Statues of H. I. M. the Queen and Empress, and of the Marquises Wellesley and Cornwallis.
7. Chaopattee gardens, garden near the Queen and Empress Statue, and garden round the University Buildings on the Esplanade.
8. The Esplanade Estate as formerly administered by the Esplanade Fee Fund Committee.

*Miscellaneous.*

9. The conduct and management of the department for the issue and control of Liquor Licenses within the City.

10. Public Land Conveyance Licensing, including issue of number plates and badges.

4. In the above list, the Corporation have not, it will be noticed, confined themselves to the institutions, the charge of which is offered in Government letter under reply. They have respectfully preferred to go through all heads of expenditure, with regard to which a *primâ facie* cause for transfer suggested itself, and in coming to a conclusion, they have been guided by the following main considerations. Regarding any such transfer as a development of Local Self-Government it is, in the opinion of the Corporation, extremely desirable that they should get the control, not of parts here and parts there, of heads of expenditure, the remainder of which are left to be administered by the officers of Government, but so far as other considerations do not render that undesirable of the whole of such heads of expenditure as may recommend themselves as most suitable for transfer. The transfer is, in this light, of the nature of an experiment, and the experiment is one the results of which will be keenly scrutinised. The success of the experiment is not, in the opinion of the Corporation, doubtful; but it appears to them that it will be in the interests of the Corporation to set up, by the successful administration of less than might fairly be asked for now, such a claim for larger concessions in the future as Government may be able to admit, rather than, by overhaste in the beginning, to strain such administrative appliances as the Corporation now possesses, or could readily improvise, and so possibly to prejudice, at the outset, the success of a movement which the Corporation has much at heart.

So also, on the other hand, it is submitted that it is in the interest of the State generally that, so far as possible, the two sets of administrative machinery—that of Government and that of the Municipality—should not be left in control of different parts of one head of expenditure. Such an arrangement must involve a great deal of unnecessary expense to the tax-payer, as also a constant friction between the two sets of authorities, which it would require much good sense and forbearance on both sides to render inno-

cuous. On these grounds, and after careful consideration of each item, the Corporation beg respectfully to ask for the control of institutions as above enumerated.

It should be a matter of understanding that while Government would hand over the existing revenue, including their own contribution in permanence, such revenue should, as far as possible, be in a shape to give promise of expansion to meet increased expenditure, as indicated in paragraph 5 of the despatch from the Government of India to the Government of Bombay, No. 3516, dated Simla, October 10th, 1881, as follows :—

" It is not the intention of the Government of India that the proposed transfer of the control of expenditure of a specially local character to local bodies, should involve any addition to existing local burdens, and it will therefore be necessary to arrange for the simultaneous transfer of receipts sufficient to meet any net balance of additional expenditure, which in any instance may arise. The nature of the receipts to be transferred requires careful consideration. They should, where possible, be of such a character as to afford a reasonable prospect that by careful administration, with all the advantages due to local sympathy, experience and watchfulness, they will so increase as to afford the means of meeting any additional expenditure which may be rendered necessary by the growing wants of each locality. In cases where a larger augmentation may be needed than is yielded by receipts of a specially local character, it may perhaps be found possible to assign to local bodies the receipts from Pounds, or a share of assessed taxes collected within the area of their jurisdiction. All receipts connected with any head of expenditure transferred to local control would, of course, be also transferred at the same time. For instance, all fees paid in schools under local control would be treated as local receipts."

5. Regarding the question of the Police charges the Corporation are respectfully of opinion that the existing arrangements, under which the charge for the Police is made largely matter of Municipal taxation, are as untenable in principle as they are opposed to the policy pursued, almost without exception, throughout this Presidency. In saying this the Corporation put out of sight for the moment that part of the system under which Government withhold from the Municipality all control over the force they oblige it to

maintain, and reserve to themselves the right of increasing the force, at an increase of cost to the Municipality, to such an extent as they may think desirable. These objectionable features in the existing arrangements require only to be stated. But the Corporation are further of opinion that, even with the grant of full or partial control, the burden of maintaining the Police in any particular place is not one which can equitably be laid on the Municipal funds of the place. The duty of maintaining order throughout the sphere of Government is the first function of Government, and the sum required should, like the charge for the Army, the Corporation are of opinion, be provided by Government out of the general revenues at their disposal.

It is further to be noted that the Government of India have distinctly intimated that the control over the force, in the absence of which the charge in question involves such a conspicuous departure from the principle of Local Self-Government, should not and will not be given.

On these grounds the Corporation beg to ask Government to include the whole of the sum now levied from them for the Police in the grant of additional revenue, which Government have been invited by the Government of India to make, in view of the large additions that have been, or are to be, made to Provincial Funds by the Imperial authority, Government thus relieving the Municipality of the charges for the maintenance of the Police force.

6. Referring to the subject of outstanding claims mentioned in para. 2, the Corporation find that from the year 1869 to 1883 the amount of rates and taxes due to the Municipality on the net valuation of Government property situated in the City of Bombay, amounted to Rs. 9,40,180, and the rates paid by Government in commutation of such rates at Rs. 50,000 per annum amounted to Rs. 7,50,000, leaving a balance of Rs. 1,90,180, due to the Municipality. And that although there is no provision in the Municipal Act for the reduction of the charge for water supplied to Government buildings and institutions, Government have been supplied from 1869 up to the present time with water at two-thirds of the rate charged to the public of Bombay. The difference between the amount at full rates and that paid by the Government to the Municipality from 1869 to March 1883 on account of such short payment, amounts to Rs. 2,02,197, besides the sum of

Rs. 78,340, remitted on account of arrears. The claim of Government rests on an old Resolution of the Bench of Justices, but the Corporation are of opinion that they may with propriety now apply to Government for a reconsideration of the whole question, with a view to Government property being fully assessed to the consolidated rate, and to the payment of full rates for water supplied to Government buildings.

7. The undermentioned sums were withheld by Government on account of their contribution of one-fourth towards the cost of the City Police :—

| | |
|---|---|
| Police contribution totally withheld from 1871 to 1874 ... ... ... ... ... ... | Rs. 3,99,952 |
| Amount of contribution short-paid by Government from 1875 to 1882, inclusive of Rs. 45,000, deducted by Government on account of the working of the Contagious Diseases Act, towards which the Municipality had declined to contribute ... ... ... ... ... ... | „ 1,86,938 |
| Total... | Rs. 5,86,890 |

The Corporation, therefore, request that Government will be pleased to reconsider the losses entailed on the Municipality by reason of the State withholding its contribution of one-fourth of the cost of the Police of this City from 1871 to 1874, and on account of the contribution being short paid from 1875 to 1882, and to make an equitable adjustment of these charges.

8. In 1878 Government deprived the Municipality of the right of collecting and receiving Liquor License Fees in the City of Bombay,—a right which was guaranteed by law and enjoyed by the Corporation for many years. For this source of revenue, which had been steadily increasing for many years, Government granted inadequate compensation to the Municipality by striking an average of the income realized in seven years up to 1878. This fixed compensation amounts to Rs. 1,43,750 per annum, whereas the average of collections for three years up to 1876 amounted to Rs. 1,63,706, and the average of three subsequent years amounted to Rs. 2,02,246-12-0. Some idea of the loss sustained by the Corporation will be formed from the fact that Government realized a profit of Rs. 1,73,242-8-0 in three years ending 1881, or more than Rs. 2,50,000 up to last year

Having regard to the inadequacy of the amount of compensation paid to the Municipality under the terms of Section 63 of Bombay Act V. of 1878, in lieu of the receipts from the Liquor License Fees enjoyed by the Municipality up to 1878, the Corporation are respectfully of opinion that in making the adjustment of charges between Government and the Municipality in regard to the new scheme generally, due regard should be had to the heavy loss of revenue suffered by the Corporation consequent on the operation of the said Act, and they therefore beg to ask Government to move the Bombay Legislative Council to sanction such amendments in the said Acts as will ensure to the Municipality the "full amount of the revenue realizable from the sale of Liquor Licenses in the City of Bombay and from the levy of fines and penalties in connection thereto for Municipal purposes and to vest the entire management and regulation of the Liquor License Department in the Municipal Corporation."

9. Section 3 of Bombay Act VI. of 1863 provides that no attendant of any public land conveyance shall ply for hire, or receive any fee for the conveyance of any passenger, unless he shall have received a license from the Commissioner of Police, and a metal badge bearing the number of each license.

And Section 7 enacts that "the balance of such fees, after all necessary contingent expenses shall have been defrayed, shall, from time to time, be paid into the Bank of Bombay by the Commissioner of Police to the credit of the Municipal Commissioner of Bombay."

Now the Municipal Act (Section 28) expressly provides that "all moneys payable to the Corporation in respect of the Municipal Funds, and all fines, fees, or penalties levied by them or their officers under this or any other Act, shall be received by the Municipal Commissioner, and by him paid forthwith into the Bank which is now, or may hereafter be, appointed to conduct the business of Her Majesty's Treasury in Bombay, to the credit of an account to be styled 'the Account of the Municipal Fund of Bombay.'"

It appears from the Statement of Receipts and Disbursements on account of the Public Land Conveyance Department received from the Commissioner of Police on the 28th June 1883, that the balances due to the Municipality for the years 1881 and 1882 had not then been paid to the

credit of the Municipal Fund. It also appears that no details of the disbursements are furnished to the Municipality. Formerly the Commissioner of Police used to furnish to the Municipality budgets of the disbursements, showing the details of the expenditure ; but the Corporation find the practice has latterly been discontinued.

The Corporation now ask Government to apply to the Legislature for such amendment of Bombay Act VI. of 1863 as will provide for the Municipality being vested with the power of full control over the revenue, disbursements and working of the said 'Land Conveyance Department' as was the case up to the end of 1874.

I have, &c.,

PHEROZESHAH M. MEHTA,

*Chairman, Municipal Corporation.*

# Appendix H

No. 5908 of 1891-92.

BOMBAY, 28*th August* 1891.

FROM GEORGE COTTON, Esq.,
*President*,
MUNICIPAL CORPORATION OF THE CITY OF BOMBAY,

To T. D. MACKENZIE, Esq., C.S.,
*Chief Secretary to Government*,
GENERAL DEPARTMENT.

SIR,

I am directed by the Corporation to acknowledge the receipt of a notice from His Excellency the Governor in Council, dated 11th August 1891 (No. 2819 of 1891, General Department), charging them with not duly carrying out the provisions of Section 61 (*g*) of the City of Bombay Municipal Act, 1888, inasmuch as no hospital is at present provided for the reception of persons suffering from dangerous diseases, and calling upon them to show cause "why the Governor of Bombay in Council should not make an order under Section 518 of the said Act, prescribing a period within which the aforesaid provisions of the said Act shall be carried out by the Corporation providing a suitable hospital in Bombay for the reception of persons suffering from such disease."

2. Without permitting themselves to say anything in deprecation of the extreme measure which His Excellency the Governor in Council has adopted, the Corporation will only observe that they have received this notice with astonishment, for they believed, that if anybody could, more than another, bear testimony to the efforts made by

this Corporation to carry out the provisions of Section 61 (*g*) and the measures devised by them for that purpose, it was His Excellency's Government; and it is not a little disconcerting to find that it is their own activity in the matter, which has evoked so extraordinary a response at the hands of Government. The previous Municipal Act of 1872-78 contained provisions, similar to those of the present Act, for preventing and checking the spread of infectious diseases, but except once, they never received any notice or attention from Government. It is the Corporation themselves,—who have never been slow to go even beyond their statutory obligations in the matter of helping in medical relief—who resolved to build cholera hospitals in the City. The difficulties of securing proper sites proved, however, almost insurmountable; and when, in 1888, they arranged to build one in Khetwady, the proposal was received with great alarm and disapprobation by the public, whose sentiments in the matter it was neither prudent nor desirable wholly to disregard. While abandoning this particular project, the Corporation appointed a Committee to reconsider the whole question of saving life in times of epidemic. The report of that Committee, which was communicated to Government for the purpose of asking their co-operation in the matter, was approved and adopted by the Corporation. They were thus endeavouring to do more than what this Corporation had done in this matter in previous years, and what up till now it had never occurred to Government to require or suggest to them to do.

It is a matter, therefore, not only of surprise, but of instructive reflexion to this Corporation, that the outcome of their zeal in the cause of humanity and medical relief should not only be to expose them to the charge of negligence in the performance of their duties, but to subject them to the indignity of being threatened with the application of what have not inappropriately been termed the "bludgeon" clauses of the Municipal Act, which are generally believed to be intended and reserved for occasions of gross, culpable, and discreditable default.

3. But whatever their regret, the Corporation recognise that it is now their duty to show, as they confidently

*Note.*—In para. 2 line 11 the words "except once" were inserted in place of the words "up till now" after the word "but." In line 14 the words "of their own motion in 1888" after the word "who" were struck out.

hope to do, that the charge brought against them of not having duly carried out the provisions of Section 61 (*y*), upon the complaint of some person or persons whose name and identity His Excellency the Governor in Council has not chosen to reveal, is utterly unwarranted and unfounded.

4. It would very much conduce to a practical and definite discussion and understanding of the real question at issue, if the Corporation pointed out how far it is accurate, and how far it is not, from facts within the immediate knowledge of Government themselves, to allege that "no hospital is at present provided for the reception of persons suffering from dangerous diseases." The Corporation do not suppose that Government intend to lay stress upon the question of the *present* time, as they are aware that, if the building of the Grant Road Hospital is not at present with the Municipality, it is because it has been given rent-free to Government at their own request. The question can therefore only be with regard to the state of things existing before the 17th July 1891, on which day the hospital was made over to Government. Confining themselves, therefore, to the period anterior to this date, it is again not quite accurate to say that no hospital was provided by the Corporation for the reception of persons suffering from dangerous disease. Government are aware that, in conformity with the recommendations of the Committee referred to above, in their report, dated 29th April 1889, two hospitals—one at Grant Road and one at Arthur Road—are set apart for this purpose. It is true that the structures are not of a very permanent or elaborate character, but it will be remembered that Government themselves have repudiated the advisability of the proposal, made by some of their medical officers, for a permanent hospital, and have come round to the view taken by the Corporation in this matter. In their letter No. 4988 of 1890 (General Department), dated the 17th December 1890, they acknowledge that—

"The modern practice of providing only *temporary* accommodation for infectious cases in a serious outbreak does, however, support the objections raised by the Corporation to the erection of a permanent hospital for infectious diseases. The opinions of the medical officers in Bombay who have been consulted on the subject are also in favour of the same system being adopted in this

City. The Surgeon-General with the Government of Bombay and the Senior Medical Officer in charge Jamshedji Jijibhai Hospital consider that the buildings at Grant Road and Arthur Road, containing respectively 90 and 50 beds, are sufficient for the accommodation of infectious cases in ordinary times, and that, in the event of the outbreak of a serious epidemic, temporary sheds, run up as occasion demands, would be as useful as, and indeed preferable to, a permanent building. As the Corporation are probably aware, resort has recently been had in London to this expedient on the occasion of an outbreak of small-pox. In the views above expressed the Governor in Council concurs, and considers that, in the event of any outbreak on a large scale of an infectious disease in Bombay, all difficulty could best be met by the rapid construction, at a comparatively small cost, of temporary sheds of bamboo and matting which, after the outbreak had terminated, could with ease be destroyed by fire, thus reducing to a minimum the risk of the further spread of the disease by the use of any infected material or structure."

No exception can, therefore, be taken to the character of the structures provided by the Municipality for the reception of patients suffering from infectious diseases. What is a fact, however, is, that when the Corporation received a report from the Municipal Commissioner, dated 10th December 1890, to the effect that "the Grant Road Hospital was then empty," the Corporation resolved to dismiss the temporary medical establishment that had been engaged for it, until a fresh necessity for it arose. As they informed Government in their letter No. 3805, dated 24th July 1890, they did so in the full confidence that their executive officers would find no difficulty in engaging an establishment as soon as they perceived the need for it. In para. 11 of that letter they observed that—

"Taking the view, which they do, of their legal obligation, the Corporation do not see why they should waste Municipal moneys in keeping up an hospital, even when there may be no epidemic cases to receive. The calls on the Municipal exchequer are too many and too heavy to justify them in doing so. They are confident that their executive officers, the chief of whom is always a high officer of proved capacity and experience, selected by Government

themselves, *would not be wanting in the performance of their duty in this behalf whenever the occasion may arise for it.*"

The establishment was, as a matter of fact, continued by the Commissioner in conformity with the instructions of the Corporation till 10th July 1891, and it was only on the 11th July 1891 that it was dispensed with. It will be thus perceived that the allegation in the notice served by Government, that "no hospital is at present provided for the reception of persons suffering from dangerous diseases," is true only so far that, while there is an hospital for the purpose, it has no medical establishment serving in it in the absence of any impending or threatened danger of the spread of any dangerous disease. Such being the true state of things, the real question to be decided is, are the Corporation bound by law under the provisions of Section 61 (*g*) to keep up a permanent establishment, not as a matter of desirability and convenience, but of legal compulsion, even at times when there is no fear of the spread of dangerous disease?

4. Having thus cleared the ground for a proper understanding of the question at issue, the Corporation have no hesitation in submitting, firstly, that they cannot be said to fail to carry out the provisions of Section 61 (*g*) if they do not employ a permanent establishment in any hospital kept by them for the reception of patients suffering from dangerous diseases, nor even if they do not provide such an hospital at all; and, secondly, that, even assuming that such an hospital may be one of the measures that may tend to check the spread of dangerous disease, they will have duly carried out their statutory obligation, if they have taken reasonably and practically sufficient measures to carry out the general duty under the sub-head (*g*) with a due regard for all their other duties, and cannot be said to be guilty of any default by not adopting the special and particular measure of providing such an hospital as Government demand.

5. Section 61 of the Municipal Act commences by laying down that "It shall be incumbent on the Corporation to make *adequate* provision, by any means or measures which it is *lawfully* competent to them to use or to take, for each of the following matters, namely," and then

proceeds to give a list of such matters, in separate short clauses ranging from (*a*) to (*r*), clause (*g*) whereof is thus worded : "(*g*) Measures for preventing and checking the *spread* of *dangerous diseases*." Section 3 (clause *aa*) gives a definition of dangerous disease, as meaning, "cholera, and any endemic, epidemic or infectious disease by which the life of man is endangered." Before it can be said that the provisions of Section 61 (*g*) are not being duly carried out by them, the Corporation maintain that, under Section 518,* it must, in the first instance, appear, upon complaint and enquiry, that no provision or no *adequate* provision has been made for the matter in question. It would not be sufficient to say that all or the utmost that might be provided was not done. It would not be sufficient to say that any one particular measure, that might be calculated to promote the object, was not taken. It would not be sufficient to allege that any such particular measure was not taken *to its fullest extent.* It would be enough to satisfy the requirements of the section, if reasonable and practical provision was made, having regard to the due fulfilment of other Municipal duties. The Corporation do not think it will be gain-said, that such is a reasonable interpretation of the requirement in the section that the provision shall be adequate; for, on this point, they have the authority of the learned gentleman who holds the office of Legal Remembrancer, the Hon'ble Mr. J. R. Naylor, and of the distinguished Judicial Member of His Excellency's Council, Sir Raymond West, both of whom held, when the Corporation suggested the substitution of the word "reasonable" for "adequate" in Section 61 in the draft of the Municipal Act submitted for their consideration, that no reasonable or sensible man could place any other interpretation on the word "adequate" than the one above set forth. Again, no default could be said to be made regard

* *Section* 518.—(1) If, upon complaint being made to him and after such enquiry as he thinks fit to make, it shall at any time appear to the Governor in Council that any of the provisions of Sections 61, 62, 134, 225, 434 and 438, have not been or are not being duly carried out or enforced, the Governor in Council may make an order prescribing a period within which such provision shall be carried out or enforced.

(2) Provided that, except in any case which appears to the Governor in Council to be one of emergency, no such order shall be made until after the expiry of one month from the date of service of a written notice on the Corporation and, if the Governor in Council shall think fit, on the Commissioner, requiring cause to be shown why such order should not be made, nor until the cause, if any, so shown has been considered by the Governor in Council.

(3) If, within the period prescribed in an order made under Sub-section (1) the provision is not carried out, or enforced, the Governor in Council may appoint some person to carry out or enforce the same and may direct that the expense of carrying out or enforcing such provision, together with such reasonable remuneration to the person carrying out or enforcing the same as the Governor in Council shall determine and the costs of the proceedings under this section shall be paid out of the Municipal Fund.

ing the matter in question, if the Corporation refused to adopt any measure that was not strictly *lawful*. Nor, again, could default be said to be made, if they did not adopt a measure which, however calculated to afford relief or alleviate human suffering, did not appreciably operate to prevent or check dangerous disease from *spreading*.

6. In applying the provisions of the law thus embodied in Section 61 (*g*) to the determination of the specific questions at issue between Government and themselves, the Corporation may point out that, after collectively giving a list of the heads of the obligatory duties cast upon them in that section, the Act proceeds in subsequent chapters to deal with each of them in detail, and, accordingly in Chapter XV, under the heading of "*Prevention of spread of dangerous diseases*," Sections 421 to 433 deal specifically and in detail with that subject. Among other things, these sections specifically direct measures to be taken for the disinfection of buildings, the destruction of huts and sheds, and the provision of a place for disinfection and for washing infected articles, and of conveyances for the free carriage of persons suffering from any dangerous disease. It is instructive to note that, in these sections, no obligation is laid on the Corporation to provide a hospital for the reception of persons suffering from dangerous disease. It may be argued that these sections are not meant to be exhaustive; but if the Act has gone so far, as it has in these sections, as to legislate in detail for providing places for disinfection and carriages for patients, and in Section 424, gone so far as to empower the Commissioner to order the removal, in certain cases, of persons suffering from dangerous disease "to any hospital or place at which patients, suffering from the said disease, are received for medical treatment," it is difficult to suppose that the legislature would not have specifically prescribed the duty of providing a hospital for such persons, if it was their intention to lay such a duty as indispensable on the Corporation. These sections, if not exhaustive, must be taken, at least, to prescribe, what may be called, the more indispensable measures for "the prevention of spread of dangerous diseases," and the deliberate omission of an infectious hospital from them cannot but strongly support the contention of the Corporation in that behalf.

7. This contention is further strengthened when it is borne in mind, that it is more than doubtful whether an hospital for persons suffering from any dangerous disease may not be considered a nuisance in law. The Corporation do not think it wise or expedient, for obvious reasons, publicly to discuss this question fully or in detail, but they will simply content themselves by saying that they are not bound to incur the risk of being taken to a court of law, and having an injunction issued against them on the ground of creating a nuisance.

8. It may be as well to point out here that an hospital is not simply a place for the segregation of infected persons ; it is primarily a place for curing or alleviating disease, where food, medicine and treatment are all provided gratis. As a work of humanity, it may be very desirable to provide such things free, but an institution whose primary and main duties are these, cannot strictly come within the designation of a measure for the prevention of spread of dangerous disease.

9. The Corporation, therefore, maintain that they are not at all legally bound to provide a hospital for the reception of infected persons. But, as they have pointed out above, the present question is a more limited one, *viz.*, whether they failed in adequately carrying out their duties by not maintaining a medical establishment at times when there were no cases of dangerous disease, or only so few and of such a character as to excite no apprehension of any appreciable danger of the *spread* of such disease. The temporary medical establishment of the Grant Road Hospital was discontinued on 11th July 1891. During the period between this date and the 15th July 1891, when the Municipal Commissioner ordered the Grant Road Hospital to be made over to Government, there was no case of cholera at all, and only 2 fatal cases of small-pox. But what is of greater importance to observe, is, that *throughout the present year* there has been only one fatal case of cholera in each of the months up to 15th July, except 3 in March, thus absolutely shewing that there was no tendency whatever to spread, so far as this disease was concerned. With regard to small-pox, there have been only 3 or 4 cases a week for some months past ; and it must be remembered that, so far as this disease is concerned, the

majority of persons attacked were children, who could not be got into any hospital at all. Under these circumstances, there was no obligation on the Corporation to take measures to check the spread of dangerous diseases in regard to which there was no practical or appreciable danger of spreading. No amount of precaution and no hospital could prevent a few cases from existing in a large population like that of Bombay in their own houses.

The Corporation could, therefore, never be said to have failed in their duty under Section 61 (*g*), because they did not take measures to check a "spread of disease," which there was no reason to anticipate and which, as a matter of fact, did not occur. It must also be further remembered that, if to retain a permanent establishment were even desirable, or better, than to employ a temporary establishment, to be renewed as occasion may arise, the Corporation fulfils its duties even by a less complete, but reasonably and practically adequate, provision. Indeed, to hold otherwise amounts to asking the Corporation to throw away the rate-payers' money in paying a Medical Officer at least Rs. 100 a month, an Apothecary Rs. 40 a month, and so on, for doing nothing, or for now and then looking after 3 or 4 cases. It would require very clear and strong words, indeed, in a legislative enactment to impose such a burden.

10. In this connection, the Corporation solicit to be allowed to take the liberty of respectfully pointing out that they have reason to complain of the attitude assumed towards them by Government in this matter, so different, from the attitude of helpful and sympathetic co-operation which they are entitled to expect at the hands of Government. Government were welcome to accept and follow the *ex parte* opinion of medical experts, though they happened to be their own officers (as stated in Government letter No. 4988 of 17th December 1890), interested in the very hospitals about which they were consulted, and though, in the opinion of a member of His Excellency's Government, "experts are always inclined to take the side which consults them, naturally, and without meaning any dishonesty," and that *ex parte* expert opinions particularly labour under "the disadvantage of only representing the views of those who obtain them." (Bombay Legislative Proceedings—

Sir R. West's Speech on 11th August 1891).* But when it was peremptorily sought to thrust this opinion on the Corporation, and ask them to acquiesce in it, at the risk of accepting indefinite liabilities for the future, of contagious hospitals of all kinds, the Corporation had no other alternative but to resist the demand, especially when Government could have carried out the opinion of its own medical experts without any serious additional outlay, in one of two ways. Government cannot forget that the first opinion given by its medical experts was that "general hospitals shall not be used for infectious diseases." But when Government, on receiving the letter of this Corporation of 24th July 1890, again consulted these experts, they had to modify their previous opinion to a considerable extent. As stated in Government letter No. 4988, dated 17th December 1890, their qualified opinion was "that in the interest of the other patients in the hospitals, persons suffering from infectious diseases should only be admitted to *those hospitals which have separate wards* for the accommodation of the latter class of patients." This was exactly the position which had been laid down by the Corporation in their reports and letters to Government, but Government, long before making the later enquiries, had abruptly closed the Sir J. J. Hospital against infectious cases even in

* The Corporation trust that it may not be deemed amiss if they pointed out that the experts whom Government consulted about closing the general hospitals against infectious cases—being "officers of Government" and consulted about Government hospitals in which they themselves were interested or with which they were connected, naturally gave their opinion without the slightest idea of being dishonest (to use the Hon'ble Sir R. West's language) from the limited point of view of Government hospitals, while the Corporation have had to consider the question from a very much larger point of view as affecting the whole city and its requirements. The Government experts were quite ready indignantly to condemn in the Corporation the sanitary heresy which they were prepared to condone and even to ratify in the Government. The Corporation are not concerned to deny that if the interests of an individual hospital alone were to be regarded, it would be preferable to exclude infectious cases from it. But from a larger point of view, there is only a choice of greater or lesser difficulties. Government have never fully realized the practical impossibility of finding sites for infectious diseases in a crowded city like Bombay [and one would be hardly enough considering its extent, and which, it must not be forgotten after all, would become in themselves intensified centres of infection]. Even the site of the Grant Road Hospital has been utterly condemned by Dr. Arnott. It was in consequence of these difficulties that the Corporation proposed distribution of work, under which the general hospitals would take a small part, as the lesser of two evils. It should not also be forgotten, that practically, very little mischief, if at all, has happened all these years that the hospitals have been doing infectious work, at least in ordinary times. And, further, the mischief can be rendered almost inappreciable by suitable arrangements and precautions. It was, indeed, a hasty step for Government to have taken to close the Sir J. J. Hospital without giving an opportunity of having both sides of the question fully enquired into and sifted.

ordinary times from 1st April 1890, and cleared out the patients of the Leper Asylum building, endowed under a special trust, into the public streets without the slightest notice whatever. When, however, Government had the new expert opinion of its own officers before them, they could have directed the separate ward, which always existed in the Sir J. J. Hospital, to be re-opened. In his letter No. 392, dated 15th October 1888, the senior medical officer in charge of the hospital had distinctly informed the Corporation that "cholera patients have always, and are still being received in this Hospital without question, at all hours of the day and night. The accommodation consists of an oblong shed, on a raised plinth, with a corrugated iron roof, walls of trellis work, and painted canvas screens hung outside. It is divided into two wards,—one for men, capable of holding 14 patients, and the other for women and children, with space for six patients." Or, if Government did not choose to re-open the ward, they could have easily asked the Corporation for a loan of the Grant Road or Arthur Road building, and put it in charge of one of the medical officers of the hospital, or of an hospital assistant, with the establishment saved by the closing of the ward. Such an officer could have easily looked after the very few cases, whenever there were any, on his way to, and from the hospital. Such a course would not, on the one hand, have entailed any additional outlay on Government, and, on the other, would have saved this Corporation from being committed to vague and indefinite liabilities. The Corporation cannot help regretting that when they voluntarily came forward with proposals which would have relieved the general hospitals from the greater portion of the work they had been doing for years, Government should have issued peremptory orders, followed by curt inquiries such as the one made in their letter No. 1635, dated 25th April 1890, "whether the Corporation has made the requisite provision for the treatment of *epidemic* diseases in Bombay."*

11. Apart from, however, and independently of, the above arguments as to whether an hospital for infectious diseases or whether a full-time establishment were measures within the wording and purview of clause (*g*), the Corpora-

* It is notable that Government as well as the Corporation have used the word "epidemic" in connection with the questions at issue under Section 61 (*g*).

tion prefer to rest their defence upon a far broader basis. They can never be said to be guilty under Section 518 and to have failed in duly carrying out the provision of Section 61, clause (*g*), if they have done, what they will at once proceed to show they have, directly and indirectly, to make adequate provision for the object in question, *viz.*, the prevention of the spread of dangerous disease. They have spent, and they are spending, large sums of money to stamp out dangerous disease, fortify the city against its spread, and enable it to resist its attack. They have spent, and are spending, large sums to cleanse, widen, and ventilate the city. They have spent, and are spending, immense sums to improve its drainage. They have spent, and are spending, enormous sums to provide a pure and copious supply of water. They have spent, and are spending, large sums to close dangerous cemeteries and provide new ones in their place. They have built markets where wholesome food can be vended, and they are strictly looking after the milch cattle stables. They have spent, and continue to spend every year, large sums for temporary hospitals for dangerous disease, whenever there is any, even the slightest real danger of its spread. They have relieved Government to the extent of Rs. 36,000 a year, from the cost of maintaining hospitals, where, till recently, there were wards for infectious as for other diseases, in the shape of a contribution to the Goculdas Tejpal Hospital which Government are legally bound to maintain under the trust accepted by them. They contribute Rs. 3,000 a year to the Jaffer Suliman Dispensary. They are now contributing Rs. 18,000 a year towards the maintenance of a Leper Asylum. They have hospitals of their own at Grant Road and Arthur Road, ready to be equipped as occasion may require. They maintain a Health Department with a qualified Health Officer at its head. They have resolved to carry out house visitation in times of epidemic for people who cannot and will not go to hospitals. The Corporation venture to challenge the verdict of all impartial men, whether, when they do all this, they do not *adequately* carry out the provisions of Section 61 (*g*), in the only reasonable sense which can be put upon these words. It may be that, in doing all this, they have not adopted any particular measure which, in the opinion of some people, was also calculated to promote the same object.

They distinctly maintain, however, that they are neither bound to do everything that might be done, nor to carry out one measure rather than another, because the judgment of other people may happen to differ from the opinion they themselves may honestly and conscientiously form, in matters in which judgments may fairly differ. If it were otherwise, if Government had, under Section 518, not a simple power of general control, but one of detailed interference, in all the various administrative affairs entrusted to the Corporation under Section 61, if they can compel the Corporation to carry out particular and detailed measures, which, in their own opinion, were preferable to those adopted by the Corporation, then the boasted free Municipal constitution of this City would not be that of a representative assembly for local self-government, but a cunningly devised institution to levy taxation under disguise. The Corporation cannot believe for a moment that the Act of 1888 has been devised to work out so retrograde and disastrous a transformation. If that were so, this Corporation beg to be allowed, most respectfully, but firmly and freely, to say that this City and its citizens would never consent in their corporate capacity to become the instruments of registering the municipal decrees of Government. This Corporation may pardonably venture, on an occasion when the respective merits of real and delusive local self-government are concerned, to say, with some pride, that their sanitary work will bear favourable comparison even with that of Government, when Government have been responsible for such work. In moving the first reading of the Bill, which afterwards became the present municipal law, the Hon'ble Mr. Naylor, after quoting the words of the then Viceroy, Lord Dufferin, that 'he knew of no municipality imbued with a more enlightened, wisely progressive, and thoroughly practical spirit than the Municipality of Bombay,' observed that "the work of the Municipality has been thorough, and not merely on the surface, is evidenced by the following passage which I take from the Memorandum of the Army Sanitary Commission —a body by no means easy to please—on the Municipal Commissioner's Reports for 1885-86." The Commissioners say: "The municipal work * * up to the present has considerably reduced the mortality from *epidemics*, which, in other Municipalities and in the country villages,

have, in the absence of effective sanitary work, been left year after year to inflict great loss and suffering upon the people. And these results have been obtained in, perhaps, the most unfavourable population group to deal with in the whole Presidency, and in one of the most densely populated cities anywhere to be met with." A Corporation, of which this can be said, may well be left free to work out its own destiny.

12. His Excellency in Council is doubtless aware that there has been only one previous occasion on which Government have tried to compel the Corporation to a particular line of action, and, curiously enough, with regard to a very similar object as the present. In 1880, Government required the Corporation to contribute Rs. 15,000 a year to a Contagious Diseases Hospital, and, when the Corporation declined, compulsorily took the money. In their memorial of Appeal to the Secretary of State for India against the action of the Government, they proceeded, after showing its illegality, to point out—"That your Memorialists beg to urge, in the second place, that, whether illegal or not, the step taken by Government in this matter is opposed to all considerations of true municipal policy, and strikes a fatal blow at the integrity and independence of their municipal constitution. Your Memorialists need hardly remind your Lordship in Council, that this Municipal Corporation was constituted in pursuance of a policy that aimed at introducing free municipal institutions, and fostering habits of self-government among the people of this country. To secure the integrity of the principle on which alone such a body can be honestly constituted, *viz.*, the power of self-government, in the midst of precautionary measures due to a tentative experiment, the framers of the Act of Incorporation wisely endeavoured to put *within itself* the checks which were considered requisite to guard against the abuse of the free power. With this object, they allowed the ratepayers of the city to elect only thirty-two out of sixty-four members composing it, leaving the election of sixteen in the hands of Government, and the remaining sixteen in the hands of the Bench of Justices, itself a body nominated by Government. Thus constituted, this Municipal Corporation has now performed the civic functions entrusted to it for eight years, and your Memorialists can safely leave it to your Lordship

in Council to say what measure of success has attended their free efforts to govern their own municipal affairs. Your Memorialists do not think that they can be accused of indulging in self-praise if, in their corporate capacity, they point out that even the most unsympathetic critics have admitted that the success of the experiment has more than fulfilled the most sanguine expectations of its promoters. Such a general success is, however, perfectly compatible with occasional blunders and miscarriages; and your Memorialists submit that even if, for the purposes of this argument, it be granted that the Corporation were in error in the present case in declining to contribute as Government desired, that circumstance will not afford any justification for the compulsion to which Government has thought fit to resort. Habits of self-government cannot be acquired or usefully exercised without freedom of action; and it is the experience born of groping through darkness and error, and not compulsory correction, that teaches and enlightens. The arbitrary step taken by Government is thus entirely opposed to the essential principle on which this Corporation is constituted. It is a step which is calculated to destroy the sense of trust and responsibility on which the successful working of such a body so considerably depends. The zeal and interest which ratepayers and their representatives alike have hitherto evinced cannot fail to be affected, when they find that their free municipal institutions are self-governing only in name, and that all the diligence and intelligence at their command will not save their decisions from being set at nought, whenever they conflict with the wishes of the Executive Government. Your Memorialists respectfully beg your Lordship in Council not to permit a precedent to be established so destructive of the free municipal institutions which they have hitherto guarded and fostered with jealous pride, and fraught with such dangerous consequences to the success of one of the most valuable experiments which the wise and enlightened policy of British rule in India has inaugurated for its good government."

The result of the appeal was that the Secretary of State refused to uphold the action of Government.

13. In conclusion, the Corporation beg to say that, if in the course of the above representation, they have been betrayed into the use of any language falling short of the

fullest respect which they loyally and cheerfully recognize it as their duty to render to His Excellency, they respectfully and sincerely beg to plead in extenuation of the warmth with which they have repelled an allegation they deem injurious and unfounded, that they are sensitively jealous of the honour of this city and its Council, which they are striving conscientiously and to the best of their ability to hand down to their successors as untarnished as they received it from their predecessors.

I have the honor to be,
Sir,
Your most obedient Servant,
GEORGE COTTON,
*President.*

# Appendix I.

No. 3278.

GENERAL DEPARTMENT.

Bombay Castle, 15th September 1891.

Read again—

Letter from the Municipal Commissioner for the City of Bombay, No. 8040, dated 19th July 1890, forwarding two copies of Mr. Baldwin Latham's Report on the Sanitation of Bombay; stating that as Government are aware this eminent Sanitary Engineer was engaged by the Municipality to examine and report on the drainage and sewerage of Bombay; inviting particular attention to those parts of the report which deal with the question of sewage outfall including the allied considerations of winds and current; observing that it will be seen that Mr. Latham advocates in a decided manner an outfall at Colaba, but that the Corporation cannot move one step in the matter of carrying through the drainage and sewerage of the City in a systematic manner till the question of outfall is decided by Government; and adding that the question whether Mr. Latham's advice is to be followed or not rests with Government in a twofold sense, not only because Section 245 (*c*) of the Municipal Act reserves to Government the right to veto any proposed new outfall, but because the interests of Government in the Military Department are so closely now, and will be more closely in the future, connected with Colaba.

Government Resolution No. 3930, dated 30th Sept. 1890.

Government Resolution No. 2159, dated 16th June 1891.

Resolution of Government in the Military Department, No. 1476, dated 30th July 1891, stating that Government in the Military Department is of opinion that His Excellency the Commander-in-Chief is justified in objecting as he does to the location of the outfall at Colaba as proposed in Mr. Baldwin Latham's scheme; and observing that that Department considers that no distance short of the Prongs Lighthouse would make Colaba safe from becoming so offensive as to seriously detract from its value as a suitable station for troops.

Memorandum from the Public Works Department of the Secretariat, No. 1293-A., dated 27th August 1891, retransferring the papers with an intimation that Government in that Department accept the conclusions arrived at by the Committee.

RESOLUTION.—The Governor in Council has carefully considered the Report by Mr. Baldwin Latham, together with that of the Committee appointed to discuss the question of the location of the sewage outfall. He has also had before him the separate report by the Sanitary Commissioner, Surgeon-Major MacRury, recommending an additional outfall at Mazagaon, to discharge sewage into the harbour, and has further had the advantage of the views of the Military and Public Works Departments. Looking to the prohibitive cost of constructing the outfall so far out as the Prongs Lighthouse,—a measure which would be necessary to ensure the safety of the troops and the public residents at Colaba,—the Governor in Council cannot but consider that it would be unreasonable to ask the Municipality to place it there, while the objections urged by the Committee, appointed under Government Resolution No. 3930, dated 30th September 1890, against its location in the site proposed by Mr. Latham, which objections are concurred in by the Military Department, are such as to render that position undesirable. The Sanitary Commissioner's recommendation does not commend itself to Government, and having regard to the facts that Mr. Baldwin Latham himself considered the Warli site as the second best for the purpose, and that the Committee give weighty reasons for regarding it as, in all the circumstances, the best site, the Governor in Council is pleased to approve of the recommendation that Warli should be the place selected for the outfall of the drainage of Bombay.

T. D. MACKENZIE,
Chief Secretary to Government.

To

The Municipal Commissioner for the City of Bombay,
The Sanitary Commissioner for the Government of Bombay,
The Military Department of the Secretariat,
The Marine Department of the Secretariat,
The Public Works Department of the Secretariat,

With copies of the Report of the Committee appointed in Government Resolution No. 3930, dated 30th September 1890.

No. 14351 OF 1891.

Copy forwarded for information to the Corporation.

T. S. WEIR,
Acting Commissioner.

APPENDICES.

# REPORT OF THE COLABA OUTFALL COMMITTEE, 1890-91.

FROM COLONEL G. L. C. MEREWETHER, R.E.,
Chairman, Colaba Outfall Committee,

TO THE CHIEF SECRETARY TO GOVERNMENT, Bombay.

BOMBAY, 13*th May* 1891.

SIR,—On behalf of the Committee, which was directed in Government Resolution No. 3930, dated 30th September last, to consider and report upon the proposals made by Mr. Baldwin Latham concerning a sewage outfall and storage reservoir at Colaba, and of which I was appointed Chairman, I have the honour to report that the Colaba Outfall Committee have held several Meetings, at the last of which, on the 17th ultimo, they passed the following Resolution :—

"That the Committee do not approve of the proposed change of the outfall from Warli to the point at Colaba now under consideration.

"In their opinion no outfall at Colaba for the sewage of the City should be considered, unless beyond the Prongs Lighthouse, the cost of which, they understand, would be so great as to be practically prohibitive."

2. I have the honour to forward with this Report—

(1) Proceedings of 23rd October 1890.
(2) Replies to questions put by the Committee, and estimate, amounting to Rs. 1,52,89,257, received from the Municipal Commissioner.
(3) Proceedings of 7th November 1890.
(4) Proceedings of 19th December 1890.
(5) Mr. Baldwin Latham's replies to questions put by the Committee, and his estimate, amounting to Rs. 54,34,749.
(6) Correspondence relating to ditto.
(7) Analyses of sea water and materials from bed of sea.
(8) Plans prepared by Mr. Rienzi Walton, Municipal Engineer in consultation with Mr. Baldwin Latham—
  (*a*) General plan showing alternative lines proposed by Mr. Latham.
  (*b*) Longitudinal section along line of proposed high level sewer from Colaba to Hancock Bridge Mazgaon.
  (*c*) Longitudinal section of proposed low level sewer from Hancock Bridge to existing Ovoid Sewer at Clerk Road.
(9) Proceedings of 17th April 1891.
(10) Mr. Little's Memorandum which was read at the Meeting of 17th April.
(11) Mr. Acworth's Memorandum.

3. The other correspondence which has come before the Committee accompanies in a separate file.—I have, &c.,

G. L. C. MEREWETHER, Colonel, R.E.,
Chairman of the Committee.

Colonel E. D'O. Twemlow, R.E., Superintending Engineer, Military Works, Bombay Command, in signing, writes, "Approved partially, see separate Minute," which runs as follows :—"I agree with the first paragraph only of the Resolution. The Colaba outfall at the point chosen by Mr. Latham appears to me better in every way than the Warli one. I was prepared, too, to accept Mr. Latham's alternative plan, *viz.*, to intercept the sewage at different points, and to pump it into the high level sewer ; but when he allows it to flow to Clerk Road, and then pumps it back through the heart of the City, I think the risk of contamination is too great, and to outweigh the evil of the discharge at Love Grove."

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*Proceedings of Committee held at Port Trustees' Board Room on 23rd October* 1890, *at* 11-30 *a.m.*

PRESENT.—All the members, *viz.* :—

MR. T. D. LITTLE, Chief Engineer, N. D.
COLONEL G. L. C. MEREWETHER, R.E., Chairman of the Port Trust, Bombay, and Chairman of the Committee.
DEPUTY SURGEON-GENERAL W. E. CATES.
COLONEL E. D'O. TWEMLOW, R.E., Superintending Engineer, Military Works, Bombay Command.
MR. H. A. ACWORTH, C.S., Municipal Commissioner, Bombay.
SURGEON-MAJOR C. W. MACRURY, Sanitary Commissioner.
SIR HENRY MORLAND, K.., Port Officer, Bombay.
DR. T. BLANEY, Coroner of Bombay.
MR. G. ORMISTON, Engineer of the Port Trust, Bombay ;
AND THE SECRETARY, MR. T. SUMMERS, C.E.

1. Read G. R. No. 4157, dated 15th October 1890.

2. Mr. Little put forward the following 16 questions, which it was resolved should be referred to the Municipal Commissioner with a request that he will be so good as to furnish replies to the Committee as soon as practicable :—

(1) Please show approximately on a map the line of proposed sewer from Parel to the outfall at Colaba, giving levels of Invert and Crown (including cover) at every half mile, and showing levels of ground through which the sewer will pass. Give dimensions of the sewer, and state how far it will fill during periods of maximum flow.

(2) State if the top of sewer will be above ground level at all, and if so, for about what proportion of its entire length, and in what localities, and to what extent will it be above ground ?

(3) In the event of the adoption of the suggestions referred to in pages 64 and 65 of Mr. Baldwin Latham's report, it is understood that sewage put into the sewer near, say, the Secre-

tariat, will be carried first to the pumping station at Love Grove, and then raised by the pumps and passed into the new Parel-Colaba sewer. Please state the distance which sewage by this route will travel from the Secretariat to Colaba; also the probable average and maximum time required, allowing sufficiently for detention at the pumping station during periods when work is heavy. Add to this the detention at the proposed sewage reservoir when conditions are favourable and unfavourable, and give the maximum and average time for sewage to pass from the Secretariat *via* Love Grove and through the Colaba outfall into the sea.

(4) Give the probable cost of the proposed Parel-Colaba sewer, allowing for establishment and land and adding 10 per cent. for contingencies.

(5) State the probable arrangement for conveying sewage from Love Grove to the Parel-Colaba sewer, including the crossing of the railways and give rough figures of cost.

(6) State whether and to what extent the Parel-Colaba sewer will be back-watered from the sewage reservoir, and what will be the effect of this on the velocity of flow, and will it tend to cause deposit?

(7) How is it proposed to ventilate this main sewer?

(8) What extra pumping will be required at Love Grove to pump the sewage into the Parel-Colaba high level sewer instead of into the sea?

Please give extra head and additional horse-power required for this.

(9) Please show the proposed site for the sewage reservoirs, and give the number of acres they will cover and their depth and capacity.

(10) State whether the proposed dimensions will allow for one compartment being occasionally closed for, say, 24 hours or more for repairs or other purposes.

(11) Give the levels of bottom of reservoirs and of the ground on which they will be constructed, and state the nature of the ground.

(12) State whether it is intended that the mouth of the outfall should (as at present) be at least six feet below lowest water level, and how it is proposed to arrange for this.

(13) If it is proposed to stop short of the end of the Prongs near the Light-house, please give an approximate idea of the difficulties of continuing to the point beyond the Prongs Light-house referred to in page 67 of the report of the Committee of 1878.

(14) Explain the method of ventilation suggested for the reservoirs, and give the number of cubic feet of sewer air which is likely to be displaced daily by the ebb and flow of the sewage.

(15) State the probable cost of reservoirs and outfalls, allowing for land, establishment and contingencies—

(*a*) On the assumption that the outfall stops short of the Prongs.

(*b*) That it is continued to beyond the Prongs Light-house as indicated in question 13.

(16) Please give the approximate expenditure up to the present time on the main works carried out in accordance with the existing sanctioned proposals for sewering Bombay, and state how far these works can be utilized if the proposed outfall is removed to Colaba.

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It was also resolved, upon a suggestion made by Sir H. Morland, that the Municipal Commissioner should be asked for information as to the level of crown of outfall sewer, as compared with the reef between Colaba Point and the Prongs Light-house.

3. It was arranged that the Secretary, with assistance, which Mr. Little undertakes to supply, should obtain specimens of the sea water at certain specified distances from the shore at Warli. The specimens, which will be analysed chemically and microscopically by the Government Analyst, are to be taken outwards from shore, till all trace of sewage disappears, and both at the most favourable and unfavourable states of the tide.

4. It was also arranged that specimens of material from the bottom of the sea should, in like manner, be obtained near the Warli outfall, and Mr. Ormiston undertook to get this done, and to send the specimens obtained to the Secretary, who will arrange for their analysis. In the event of night-soil being found so far from shore, that specimens cannot be obtained from an ordinary small boat, the Chairman will arrange for the use of a larger vessel.

5. It was resolved that the proceedings of each meeting should be printed and circulated to the members, and also that the replies to questions in para. 2 should be printed and circulated.

6. It was resolved that, as the printing of the present proceedings requires to be done at once, it should be carried out at a private press, and that Government should be asked whether this should be continued, or future printing carried out at the Government Press. Government should also be asked to authorize such analyses as may be required by the Committee to be made by the Chemical Analyst without charge.

7. It was settled that the Chairman should fix date of next meeting on receipt of information from the Municipal Commissioner, as to when the replies to questions in para. 2 will be ready, without waiting for the analyses referred to under paras. 3 and 4.

8. It was arranged that Mr. Rienzi Walton, Municipal Executive Engineer, should be asked to attend the next meeting to give evidence.

G. MEREWETHER,
Chairman.

24*th October* 1890.

APPENDICES.

*Mr. Acworth's Answers.*

A. 1. The blue line on the plan marked **A** shows the course proposed by Mr. Baldwin Latham as the line of the high level sewer from Parel Tank to Colaba, and the section marked **B** shows the levels on that line taken under Mr. Latham's direction.

Mr. Baldwin Latham proposes the sewer to be circular 7'-6" internal diameter. The thickness of brickwork will be 18 inches.

It will run full bore during the period of maximum flow, the velocity being 162 ft. per minute and the discharge 7,157 c. ft. per minute, supposing there is no back head.

With a back head of 5 ft. the velocity and, therefore, the discharge, will be reduced by 15 per cent. of that given above.

The actual discharge required per minute for prospective population, assuming that half the quantity of sewage is to be discharged in 8 hours, is 7,294 c. ft.

To give an effective discharge of 7,294 c. ft. per minute, with a back head of 5 feet, the sewer must be large enough to give a discharge of 8,581 c. ft. per minute, with no back head. A circular sewer, very nearly 8 feet in diameter, will serve the purpose, as its discharge per minute will be 8,444 c. ft.

A 2.—

| Locality. | Length. | Height of Crown, including cover above ground level. | | Remarks. |
|---|---|---|---|---|
| | | Maximum | Average. | |
| | Ft. | Ft. | Ft. | |
| Colaba ... ... | 11,680 | 11·95 | 7·41 | The length of sewer in which the crown, including cover, will be above ground level, is 29,989 feet, which is about 66 per cent. of the total length of 45,555 feet, i.e., 5·68 miles out of 8·63 miles. It should be noted that the depth of cover has been taken at 3 feet, so that the actual depth of protrusion of crown of sewer above existing levels is 3 feet less than that shown in the table. |
| Colaba Causeway ... | 2,800 | 8·24 | 6·54 | |
| Rampart Row ... | 2,647 | 9·89 | 7·63 | |
| Hornby Row... ... | 4,582 | 5·62 | 3·69 | |
| Paltan Road ... ... | 1,495 | 7·33 | 5·63 | |
| Dongri Cooly Street.. | 2,495 | 7·70 | 5.35 | |
| Mazagon Road .. | 500 | 2·47 | 2·47 | |
| Ghornpdeo Road ... | 710 | 8 51 | 6·83 | |
| Port Trust Land ... | 3,680 | 8 51 | 8·51 | |
| Total... | 29,989 | | | |

A. 3.—

| Locality. | Length. | Average Velocity in ft. per minute. | Time of travel. |
|---|---|---|---|
| | Feet. | | Minutes. |
| Secretariat to Love Grove Pumping Station ..... | 21,747 | 150 | 145 nearly = 2h. 25m. |
| From Love Grove Pumping Station to head of H. L. Sewer ..... | 15,200 | 162 | 94 „ = 1h. 34m. |
| H. L. Sewer from Parel Tank to Colaba..... | 45,555 | 162 | 281 „ = 4h. 41m. |
| Total ... | 82,502 | | 520 nearly = 8h. 40m. |

From the foregoing table it will be seen that assuming that there is no detention or block anywhere the sewage from Secre-

tariat will take 8h. 40m. to travel to Colaba *via* Parel-Colaba sewer.

There will not be any appreciable detention at Love Grove Pumping Station if efficient pumping power is provided to continue the normal velocity in the sewer.

The maximum detention at Colaba reservoir will be 8 hours and the average detention 4 hours. From the time occupied in travel and that in detention, it will be seen that the average and maximum time occupied in the combined operation will be 12h. 40m. and 16h. 40m., respectively.

A. 4. The estimated cost of Parel-Colaba sewer, 7'-6" in diameter, including value of land and 15 per cent. for establishment and contingencies will be Rs. 45,09,229. It should be noted that this estimate includes no deduction for possible reduction of section of sewer at the higher levels, but Rs. 5,00,000 (five lakhs) would probably cover all the saving that could be effected in this way.

A. 5. It will probably be necessary to lay cast-iron mains under pressure from Love Grove Pumping Station to the high level sewer at the junction of Chinchpockli and Gorupdeo Roads. The line will run along a portion of the Flats to the Haines Road level crossing, thence to the G. I. P. Railway lines at the proposed site for the new Chinchpockli over-bridge, thence along Chinchpockli Road to Gorupdeo Road. Assuming that the velocity in these mains under pressure to be the same as in the high level sewer, four 48" pipes will give a discharge slightly in excess of that of the high level sewer, 7'-6" in diameter, running full. The length of the route coloured red on plan **A**, along which these mains may be laid, being 11,100 feet, the total length of 48" pipes required is 44,400 feet. This, at Rs. 40 per r. ft., *plus* Rs. 20,000 for the extra cost of two railway crossings, *plus* 15 per cent. contingencies on the whole, amounts to Rs. 20,65,400.

A. 6. The formula used to find out the velocity in the following table is Weisbach's formula, *viz.*—

$$v = \sqrt{\frac{2gh}{1+e+c\times\frac{l}{d}}}$$ where

$h$=head of water in feet;
$l$=length of pipe in feet;
$d$=diameter of pipe in feet;
$v$=velocity in feet per second;
$c$=co-efficient for friction in pipe;
$e$=co-efficient of resistance for entrance of water in pipe,
$g$=32·2.

The proportionate velocity and discharge, referred to in the following table, is arrived at by the application of the principle

that *ceteris paribus* the velocity varies as the square root of the sine of the slope.

| Height of Sewage in Reservoir... | 0′ | 1′ | 2′ | 3′ | 4′ | 5′ |
|---|---|---|---|---|---|---|
| Proportionate velocity and discharge | 100 | 97 | 94 | 91 | 88 | 85 |
| Length of back-water ... | 0′ | 2,500′ | 5,000′ | 7,500′ | 10,000′ | 12,500′ |
| Discharge in c. ft. per minute when the high level sewer is running full. | 7,157 | 6,942 | 6,728 | 6,513 | 6,298 | 6,083 |

A temporary deposit may occur during the period of back water ; but it will be flushed out by the flow of the sewage as soon as the conditions at the reservoirs admit of a velocity of over 2 feet per second in the sewer.

A. 7. By masonry shafts, say, at every 400 ft. This will require 114 shafts, which, at Rs. 500 per each, *plus* 15 per cent. contingencies, amounts to Rs. 65,550.

A. 8. The total quantity of sewage at 6 c. ft. per head per day for the prospective population of 1,167,000, equals 7,002,000 c. ft. Assuming that 10 per cent. of this total quantity is admitted direct by gravitation into the high level sewer (but omitting to take this deduction into account in order to provide an allowance for friction in the pumps and engines), the additional pumping power must be sufficient to lift up half of 7,002,000 c. ft. in 8 hours to a height of (103·24 T. H. D.—91·72 T. H. D.) = 11·52, say, 11½ ft., *plus* 8½ ft. of additional head, which is required to maintain the velocity of 162 ft. per minute, making a total head of 20 *ft. nearly*. Hence the H.-P. $= \frac{7002000 \times 62{\cdot}5 \times 20}{2 \times 33000 \times 8 \times 60} = 276$ nearly. To provide efficient H.-P., this result must be doubled, *i.e.*, 552 H.-P.

A. 9.—

| Depth of Reservoirs. Feet. | Permanent area required. Net area required. Acres. | Net area required. Sq. ft. | Area including walls and piers. Acres. | Area including walls and piers. Sq. ft. | Area required for the present. Acres | Area required for the present. Sq. ft. | Remarks. |
|---|---|---|---|---|---|---|---|
| 3 | 26·79 | 1,167,000 | 28·98 | 1,260,360 | 19·29 | 840.210 | The area of the walls and piers is assumed to be 8 per cent. of the net area required. |
| 4 | 20·09 | 875,250 | 21·70 | 945,270 | 14·47 | 630.180 | |
| 5 | 16·07 | 700,200 | 17·36 | 756,216 | 11·57 | 504.144 | |
| 6 | 13·40 | 583,500 | 14·47 | 630.180 | 9·65 | 420.120 | |

These areas are calculated on the basis of a capacity to accommodate 3 c. ft. for 1,167,000 people in 8 hours ; but for present

requirements Mr. Baldwin Latham limits the areas to $\frac{2}{3}$rds of the permanent areas.

A. 10. Special arrangement would have to be made if it was found necessary to close one compartment for 24 hours. This is obvious, as the data upon which Mr. Baldwin Latham starts his proposal is that the whole area, *i.e.*, 3 compartments, shall contain half the full volume of the sewage and for present requirements he considers two compartments sufficient. For a matter of 24 hours it is possible with some little inconvenience to close one compartment.

A. 11. As Mr. Baldwin Latham suggests that the sewage should be discharged into the sea at 83·00 T. H. D., the level of the bottom of the reservoir cannot be on a lower level than 83·00 T. H. D. Nature of the ground is sand and boulders on solid rock.

A. 12. I have no further information on this point than what is contained in Mr. Baldwin Latham's Report. From that I gather, it is not his intention to discharge at 6 feet below L. W. M. But should it be so, I should propose to follow the same course as that adopted at the construction of the Love Grove outfall, *viz.*, to sink iron pipes and to surround them in concrete.

A. 13. To answer this question accurately, information obtained from special survey is necessary.

A. 14. I think this question should be referred to Mr. Baldwin Latham, having no information as to how he intends the ventilation to be effected; but I have no doubt a method can be found which would do it satisfactorily. The quantity of air daily displaced from the reservoirs would be equal in bulk to the volume of sewage admitted in that period.

A. 15*a*. The dimensions of the reservoirs will vary with the depth, and assuming that to be 5 feet, the area of the reservoir for the prospective population will be 7,56,216 square feet, and reducing this by $\frac{1}{3}$rd for present requirements the area will be 504,144 square feet, *i.e.*, 11·57 acres. The cost of these reservoirs for present requirements, including land and 15 per cent. for establishment and contingencies, will be Rs. 22,22,435 as detailed below :—

| | | |
|---|---|---|
| Construction of the Reservoirs 504,144 square feet at Rs. 3-8-0 per square foot ... ... ... ... | Rs. | 17,64,504 |
| Land, 56,016 square yards, at Rs. 3-0-0 per square yard ... | „ | 1,68,048 |
| | Rs. | 19,32,552 |
| *Add*—15 per cent. for establishment and contingencies ... | „ | 2,89,883 |
| Total ... | Rs. | 22,22,435 |

The Prongs Light-house is 6,000 feet further towards the sea than the Colaba Battery, at which point probably the site for the reservoirs would be chosen. As the sewage collected during 12 hours is to be discharged in 4 hours, nine 48″ outlet pipes will be

required to do this work. These pipes will have to be substantially protected with sea-walls and masonry filling. Taking these conditions into consideration combined with the many difficulties which may have to be encountered from the weather and sea, the estimated cost per foot run is Rs. 935 or Rs. 56,10,000 for the whole work, *i.e.*, from the reservoirs to the Light-house at the end of the Prongs (*vide* details of estimate).

[NOTE.—A lithographed section of bank of rubble masonry with 48″ mains, 6,000 long, has been omitted in this reprint.]

A. 15*b*. I have no information to enable me to reply to this question.

A. 16. The actual expenditure on sewerage works up to 31st March 1890 is Rs. 33,12,097 (*vide* Statement A).* This does not include the cost of the remaining portion of the Queen's Road sewerage works which are in hand, and the cost of Agripada house-connection works, for which contract is given, the total of these works being Rs. 7,84,464 (*vide* Statement A).* If the proposed outfall be removed to Colaba, the whole of the sewerage works hitherto carried out will be useful, with the sole exception of the outfall sewer at Love Grove, which cost Rs. 2,55,767.

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## STATEMENT F.

*Probable cost of diverting the Outfall from Love Grove to Colaba.*

| | Items. | Amount. |
|---|---|---|
| | | Rs. |
| 1. | Additional pumps, engines and pumping station for prospective population=3½ times the cost of the present pumping station, pumps and engines *plus* 15 per cent. contingencies =3·5 × 3,27,116 + 1,71,737 ... ... ... ... ... | 13,16,643 |
| 2. | Four 48″ cast-iron pipes from Love Grove to the High-level Sewer (for prospective population) ... ... .. ... | 20,65,400 |
| 3. | High-level sewer, 7′ 6″ in diameter from Parel to Colaba, for prospective population, after deducting Rs. 5,00,000 for possible reduction of section of sewer at head ... ... ... | 40,09,229 |
| 4. | Ventilating shafts for the High-level Sewer ... ... ... | 65,560 |
| 5. | Two compartments of sewage reservoirs at Colaba, sufficient for present requirements... ... ... ... ... ... | 22,22,435 |
| 6. | Outfall Sewer from the sewage reservoirs at Colaba to Prongs Light-house for prospective population ... ... ... | 56,10,000 |
| | Total... ...Rs. | 1,52,89,257 |

* These detailed Statements have not been included in this reprint.—H. W. B.

## BOMBAY MUNICIPALITY.

*Proceedings of Committee held at Port Trustees' Board Room on 7th November* 1890, *at* 3 *p.m.*

*Present* :—All the members, *viz* :—

MR. T. D. LITTLE.
COLONEL G. L. C. MEREWETHER, R. E., Chairman.
DEPUTY SURGEON-GENERAL W. E. CATES.
COLONEL E. D'O. TWEMLOW, R. E.
MR. H. A. ACWORTH.
SURGEON-MAJOR C. W. MACRURY.
SIR HENRY MORLAND, KT.
DR. T. BLANEY.
MR. G. E. ORMISTON and the Secretary MR. T. SUMMERS.
MR. RIENZI WALTON, Municipal Executive Engineer, was also present.

1. Read Government Resolution No. 4363, dated 30th October 1890.

2. The Secretary reported that specimens of sea water and mud from the bed of the sea had been obtained and forwarded, for analysis, to the Chemical Analyser to Government, as arranged in paragraphs 3 and 4 of Proceedings of 23rd October.

3. Considered replies given to questions in paragraph 2 of Proceedings of 23rd October, and received information from Mr. Rienzi Walton, Municipal Executive Engineer, with regard to many points about which there was doubt.

4. Mr. Little considered it desirable that the diameter of the proposed high-level sewer should be increased to a minimum of 8′ 6″ instead of 7′ 6″, and the Municipal authorities agreed to accept any modification in the diameter which future investigations might show to be desirable. At the same time it was not considered necessary to revise the estimates of this part of the scheme, which were only of an approximate character.*

* Since the meeting, copies of revised replies have been received, in which changes pointed out at the meeting as necessary have been made. A copy of these revised replies will be sent to each member.

5. Read and recorded written opinion by Surgeon-Major MacRury as to the disposal of Bombay sewage.

6. It was arranged to have specimens analysed of sea water taken from alongside the Light-ship for comparison with the specimens taken near the Love Grove Outfall; also to obtain two specimens of sewage, taken at 9 A.M. and 8 P.M., respectively, from the Love Grove Pumping Station, for analysis. It was also arranged, on Mr. Little's suggestion, that additional specimens of sea water should be taken, for analysis, from near the Love Grove Outfall, these being obtained at high and low water of neap tides.

7. It was decided that a report to Government should be drafted, pointing out certain serious objections to the carrying out of the Colaba Outfall proposal, and intimating that the cost, without full allowance for compensation for land, is estimated by the Municipal authorities at about 140 lakhs.† Government should be informed that, before the work could be

† According to the revised replies above mentioned, this amount would now be 153 lakhs.

recommended, the Committee would require to be assured that there would be no danger of sewage being carried back, to an objectionable extent, into the harbour, and along the Colaba foreshore, and that for this assurance it would be necessary to carry out float experiments, which would probably involve considerable expenditure both of time and money ; and, further, that, after fully considering these matters, the members of the Committee are of opinion that it is undesirable to take further steps, but that if Government wish it, they will, of course, be prepared to continue their investigations.

8. It was decided that this draft report should be printed, and a copy sent to each member for remarks ; that these should be sent to the Secretary, who will have them printed.

A copy of the whole of these remarks will then be forwarded to each member, and a meeting of the Committee will subsequently be called to consider the draft report.

G. L. C. MEREWETHER, Colonel, R.E.,
Chairman.

13*th November* 1890.

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*Proceedings of Committee held at Port Trustees' Board Room on 19th December 1890, at 3 p.m.*

*Present*:—Mr. T. D. LITTLE.
Colonel G. L. C. MEREWETHER, R.E., Chairman.
Colonel E. D'O. TWEMLOW, R.E.
Mr. H. A. ACWORTH.
Mr. G. E. ORMISTON.

Mr. BALDWIN LATHAM, C.E., and Mr. RIENZI WALTON, C.E., were also present.

1. It was resolved that the Municipal Commissioner be requested to be so good as to favour the Committee with estimates of the cost of the proposed works, revised in accordance with the additional information furnished by Mr. Baldwin Latham, who has kindly undertaken to give any further information which may be required in order to complete these estimates.

2. The Committee now adjourn. The Municipal Commissioner has consented to request Mr. Walton to prepare answers to the questions framed by Mr. Little, in consultation with Mr. Baldwin Latham, who has kindly agreed to favour him with his advice and assistance.

G. L. C. MEREWETHER, Colonel, R.E.,
Chairman.

20*th December* 1890.

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*Questions by the Committee.*

*Q.* 1. Please show approximately on a map the line of proposed sewer from Parel to the outfall at Colaba, giving levels of invert and crown (including cover) at every half mile, and showing levels of ground through which the sewer will pass. Give dimensions of the sewer, and state how far it will fill during periods of maximum flow.

## BOMBAY MUNICIPALITY.

*Replies by Mr. Baldwin Latham (to questions 1 to 16 as per the Proceedings of the Committee on 23rd October 1890).*

*A.* 1. (1.) The lines on the plan marked **A** show the mode in which the sewage now flowing to Love Grove may be diverted and brought into the proposed gravitation sewer. It is found that the gravitation sewer cannot begin at Parel owing to the level of the G. I. P. Railway.

(2) The 7 feet 6 inches sewer with fall 1 in 2,500 will commence at Mazgaon on the south side of the G. I. P. Railway and will continue as far as DeSouza Street, then as the surface declines in elevation, 2 smaller sewers of carrying capacity, equal to the 7 feet 6 inches sewer, will be provided having an inclination of 1 in 2,400, the elevations of the ground being such as to necessitate the construction of small diameter sewers in places where the height of the ground is not sufficient.

(3) If the outfall reservoir is made 7 feet 6 inches deep instead of 9 feet deep, then all the sewers may be dropped to such a level that they will be below every existing road.

(4) The position of Love Grove as a pumping station is of no importance having regard to the Colaba outfall, and the recommendations made respecting it are such that it may be disregarded.

(5) It is considered that the best and cheapest way to bring the sewage from Love Grove to Colaba Outfall will be by an underground sewer terminating at Mazgaon.

(6) The proposed outfall sewer will probably never run full, even when the population of Bombay reaches the number contemplated or 1,167,000 with a volume of 6 cubic feet per head, one half of which, it was calculated for the sake of safety, would flow off in 6 hours. But owing to the length of the district and the time it will take the sewage to travel from the more distant parts, the volume to be dealt with will be much more uniform and will not give such a rate of fluctuation.

(7) The outfall sewer can never be water-logged from the sewage reservoir except through an act of carelessness, as the reservoir is calculated to fill up at such a rate as will always preserve the full fall on the surface of the sewage flowing in the outfall sewers.

Q. 2. State if the top of sewer will be above ground level at all, and if so, for about what proportion of its entire length and in what localities, and to what extent will it be above ground?

A. 2. The sewers may be put in without disturbing the level of any street. Of course if it is intended to run the sewer on the foreshore, it will be above the existing shore level, but when constructed will form a sea defence.

Q. 3. In the event of the adoption of the suggestions referred to in pages 64 and 65 of Mr. Baldwin Latham's report, it is understood that sewage put into the sewer near, say, the Secre-

tariat, will be carried first to the pumping station at Love Grove, and then raised by the pumps and passed into the new Parel-Colaba sewer. Please state the distance which sewage by this route will travel from the Secretariat to Colaba; also the probable average and maximum time required, allowing sufficiently for detention at the pumping station during periods when work is heavy. Add to this the detention at the proposed sewage reservoir when conditions are favourable and unfavourable, and give the maximum and average time for sewage to pass from the Secretariat *via* Love Grove and through the Colaba outfall into the sea.

A. 3. (1) The sewage will flow to Clerk Road and will then be intercepted and taken to the proposed new Mazgaon pumping station and from Mazgaon to the reservoir at Colaba Point. Taking the average velocity throughout at 150 feet per minute, the time occupied in getting from the Secretariat to Colaba will be 6 hours 6·6 minutes as shown below :—

| | | h. | m. |
|---|---|---|---|
| Secretariat to Clerk Road ... .. | 16,650′ | 1 | 51 |
| Clerk Road to Mazgaon ... ... ... | 10,350′ | 1 | 9 |
| Mazgaon to Colaba ... ... ... | 28,000′ | 3 | 6·6 |
| | 55,000′ | 6 | 6·6 |

The maximum time a particle may be retained in the Reservoir will be 8 hours 25 minutes and the least 4 hours 25 minutes, or an average of 6 hours 25 minutes.

(2.) It should be observed that the time of travel is nothing like so long as in the case of London sewers and in some groups of towns in England having extended outfall into the sea. The movement of sewage through a sewer for a long distance so triturates all solids that they readily mix with sea water and are carried away by mixing action.

Q. 4. Give the probable cost of the proposed Parel-Colaba sewer, allowing for establishment and land and adding 10 per cent. for contingencies?

A. 4. The estimate for the sewer commencing at Clerk Road with a pumping station at Mazgaon, with an outfall from Mazgaon to Colaba and the reservoir and outlet pipes at Colaba is estimated as follows :—

| | Rs. |
|---|---|
| High Level Sewer ... ... ... ... | ... 17,61,587 |
| Pumping Station ... ... ... ... | ... 8,05,000 |
| Lower Level Sewer... ... ... ... | ... 10,84,306 |
| Ventilating shafts ... ... ... ... | ... 56,350 |
| Reservoir at Colaba ... ... ... | ... 15,86,555 |
| Outfall Sewer ... ... ... ... | ... 1,40,951 |
| Total | ... 54,34,749 |

Q. 5. State the probable arrangement for conveying sewage from Love Grove to the Parel-Colaba sewer, including the crossing of the railways and give rough figures of cost.

A. 5. The sewage would be intercepted at Clerk Road and flow by gravitation to Mazgaon pumping station, from thence it will flow by gravitation to Colaba. The sewers will all be at such a depth as not to interfere with any railways, and the proposed deep outfall at Mazgaon will provide an outfall for a part of Bombay not at present provided with any means of sewerage.

Q. 6. State whether and to what extent the Parel-Colaba sewer will be back-watered from the sewage reservoir, and what will be the effect of this on the velocity of flow, and will it tend to cause deposit?

A. 6. (1) As before stated the heading up of the sewage in the reservoir at Colaba can have no effect on the flow in the main outfall sewer, for to whatever depth the reservoir is filled, it could only be filled with the sewage flowing down the sewers, and in order to completely fill the reservoir the volume carried down must have completely filled the outfall sewer, and so long as this was the case, the inclination of the surface of the flowing sewage must have been the same as given to the invert of the sewer, and therefore retardation or water-logging could not have occurred.

(2.) If any less quantity had flowed down (say the sewer flowed half full), then it could not have more than half filled the reservoir in this case, owing to the design of the reservoir the fall on the surface of the sewage would be greater than the fall given to the invert of the sewer.

Q. 7. How is it proposed to ventilate this main sewer?

A. 7. Ventilation of sewer may be by shafts or pipes erected at suitable places, if by masonry shafts at about 200 yards apart, it will take about 50 to ventilate the outfall sewer. The head of the sewer would be ventilated by the furnaces for the steam-boilers at Mazgaon pumping station.

Q. 8. What extra pumping will be required at Love Grove to pump the sewage into the Parel-Colaba high-level sewer instead of into the sea?

Please give extra head and additional horse-power required for this.

A. 8. (1) No extra pumping will be required at Love Grove, but Love Grove will cease to be used as a pumping station, and the power will be shifted to Mazgaon. If we assume that the same quantity of sewage would hereafter have to be pumped at Love Grove as at Mazgaon, the only increase in power will be that required by the difference of the lift at Love Grove and Mazgaon, it being understood that Love Grove cannot now deal with the quantity, and will require to be reconstructed and provided with new machinery.

(2) The quantity of sewage at either station that will ultimately require to be dealt with is taken at 6,500 cubic feet per minute, the

lift at Love Grove is 30 feet. The Pump H. P. is, therefore,
$\frac{6,500 \times 62{\cdot}5 \times 30}{3,300} = 369{\cdot}3$ Pump H. P.

(3) At Mazgaon this pumping power will require to be increased as the lift is 40 and the Pump H. P. is therefore
$\frac{6,500 \times 62{\cdot}5 \times 40}{33,000} = 492{\cdot}4$, or the increase in the pumping power that will be required is 33·33 per cent.

Q. 9. Please show the proposed site for the sewage reservoirs and give the number of acres they will cover and their depth and capacity.

A. 9. If it is absolutely necessary to keep the sewers below the levels of the roads, then the reservoir would at its shallowest part be 7·5 feet deep. The capacity of the reservoirs would require to be for future population, half the whole sewage being retained on one tide would be 3,501,000 cubic feet. The area of the sewerage within the reservoir would therefore be $\frac{3,501,000}{7{\cdot}5} = 466,800$; add to this 10 per cent. for walls and piers and say about 12 acres would be required for the future reservoirs or 8 acres for the present reservoirs, the whole of which would be reclaimed from the sea.

Q. 10. State whether the proposed dimensions will allow for one compartment being occasionally closed for, say, 24 hours or more, for repairs or other purposes.

A. 10. The reservoirs are constructed in bays, and any bay can be kept empty if required at any time and for an indefinite period of requirement.

Q. 11. Give the levels of bottom of reservoirs and of the ground on which they will be constructed and state the nature of the ground.

A. 11. The level of the reservoir will entirely depend on whether it is of importance to put the outfall sewer below the level of every road in the district; if this is so, then the floor of the reservoir will require to be at 78′ on datum, the inverts of the outfall at 80 feet on datum and tap-water of reservoir 85·5′ feet on datum. Mr. Latham would prefer the sewers to be put in at 2 feet higher level and then the top-water level would be raised 2 feet.

Q. 12. State whether it is intended that the mouth of the outfall should (as at present) be at least six feet below lowest water level, and how it is proposed to arrange for this.

A. 12. (1) The discharge pipes from the reservoir should discharge just below low-water level, no advantage can arise from putting them deep in sea water, for the sewage put in at whatever depth will rise to the surface as it is specifically lighter than sea water.

(2) On the other hand, a great depth of sea water over an outfall pipe interferes with the discharge owing to the heaviness of sea water compared with sewage.

Q. 13. If it is proposed to stop short of the end of the Prongs near the Light-house, please give an approximate idea of the difficulties of continuing to the point beyond the Prongs Light-house referred to in page 67 of the Report of the Committee of 1878.

A. 13. Mr. Latham's opinion as to the proper point of discharge is just within the harbour side of the Colaba Point, and if so discharged, the enormous flow out of the harbour will carry everything away. It would be undesirable to make the point of discharge on the western shore, for if a causeway is ever constructed to the light-house it will check the flow of the ebb-tide and prevent it flowing in that direction and so carrying the sewage away.

Q. 14. Explain the method of ventilation suggested for the reservoirs, and give the number of cubic feet of sewer air which is likely to be displaced daily by the ebb and flow of the sewage.

A. 14. The ventilation for the reservoir may be simple openings, or it might, if requisite, be ventilated through a furnace and shaft, but nothing of the kind would be necessary, for it must not be forgotten that the site of the reservoir is now open sea and will be removed a considerable distance from the shore with very few prevailing winds towards land. This sewage reservoir is not a new proposition, and will cause no nuisance ; for example, the large reservoirs at Barking and Crossness in connection with the Metropolitan Sewage are surrounded by workmen's dwellings and the top of the reservoir serves the purpose of a village green. At Portsmouth the sewage reservoir for that place and Southsea is constructed under the glacis of the Fort, and the sewage is discharged on the ebb-tide into the mouth of the harbour under conditions far less favourable than those of Bombay.

Q. 15. State the probable cost of reservoirs and outfalls, allowing for land establishment and contingencies :—

(*a*) On the assumption that the outfall stops short of the Prongs ;

A. 15. (1) The pipes forming the outfall from the proposed reservoir would be laid in trenches cut in the solid rock and be filled in partly with stops of concrete to prevent the filling from being carried away by the sea currents.

(2) The reservoirs if taken at 7 feet 6 inches deep will occupy 8 acres and cost Rs. 17,27,506 including outfall and other charges.

Q. 15*b*. that it is continued to beyond the Prongs Light-house as indicated in Question 13.

A. 15*b*. It would require special survey before the question could be answered.

Q. 16. Please give the approximate expenditure up to the present time on the main works carried out in accordance with the existing sanctioned proposals for sewering Bombay, and state how far these works can be utilized if the proposed outfall is removed to Colaba.

APPENDICES.

In reply to Question No. 16 Mr. Walton, the Municipal Executive Engineer, has supplied the following :—

1. The actual expenditure on sewerage works up to 31st March 1890 is Rs. 33,12,097 (*vide* Statement A).* This does not include the cost of the remaining portions of the Queen's Road sewerage works, which are in hand, and the cost of Agripada House connection works for which contract is given, the total of these works being Rs. 7,84,464 (*vide* Statement A). If the proposed outfall be removed to Colaba, the whole of the sewerage works hitherto carried out will be useful with the sole exception of the outfall sewer at Love Grove, which cost Rs. 2,55,767.

*Concluding Remarks by Mr. Baldwin Latham.*

1. In case the outfall at Colaba meets with opposition of a kind likely to prevent its construction, then it must be distinctly understood that the present position at Love Grove is the second best that can be selected, on the ground that it is central for the whole island, and consequently the works of interior sewerage will be less costly than would be the case if all the sewage is conveyed to a distant point like Colaba. The falls of the island are favourable to the construction of an outfall at Love Grove. If Love Grove is selected as the permanent outfall for the sewage of Bombay, then the whole sewage should only be discharged upon a limited period of ebb-tide, and the means to be adopted for dealing with the rainfall should be fully carried out in the manner set forth in my report.†

Abstract showing the total cost of the proposed Colaba outfall sewer :—

| | Rs. |
|---|---|
| High-level sewer ... ... ... ... ... | 17,61,587 |
| Pumping station ... ... ... ... ... | 8,05,000 |
| Low-level sewer ... ... ... ... ... | 10,81,306 |
| Ventilating shafts ... ... ... ... ... | 56,350 |
| Reservoir at Colaba ... ... ... ... | 15,86,555 |
| Outfall sewer ... ... ... ... ... | 1,40,951 |
| Total... ... | 54,34,749 |

The papers now received from the Municipal Commissioner should be printed, and a copy sent to each member of the Committee.

This having been done, the plans should be circulated to the members, first to those in Bombay and then to those elsewhere, and arrangements should then be made for calling a meeting of the Committee.

A copy of this paper should accompany the others, so that each member may clearly understand what will be done.

G. L. C. MEREWETHER.

21*st March* 1891.

* See note on page 11 of this reprint.

†The detailed estimates of cost of high level sewer, pumping station at Hancock Bridge and ventilating shafts are omitted from this reprint.—H. W. B.

BOMBAY MUNICIPALITY.

No. G.—4138 OF 1890-91.

To H. A. ACWORTH, ESQ.,
Municipal Commissioner.

BOMBAY, 14*th March* 1891.

SIR,—I have the honour to forward herewith the original answers to the questions of the Colaba Outfall Committee by Mr. Baldwin Latham, and also a copy of them with the questions placed in juxta-position with the answers.—I have, &c.,

RIENZI WALTON,
Executive Engineer, Bombay Municipality.

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No. G.—4200 OF 1890-91.

TO THE MUNICIPAL COMMISSIONER.

BOMBAY, 19*th March* 1891.

SIR,—I have the honour to forward the drawings made in consultation with Mr. Baldwin Latham in connection with his proposals for a sewage outfall at Colaba. They are as follows :—

(1) General Plan (Laughton's scale 1,200 feet to an inch) showing alternative lines, proposed by Mr. Latham.
(2) Longitudinal section along line of proposed high level sewer from Colaba to Hancock Bridge, Mazagaon.
(3) Longitudinal section of proposed low level sewer from Hancock Bridge to existing Ovoid Sewer at Clerk Road.

I have, &c.,
RIENZI WALTON.

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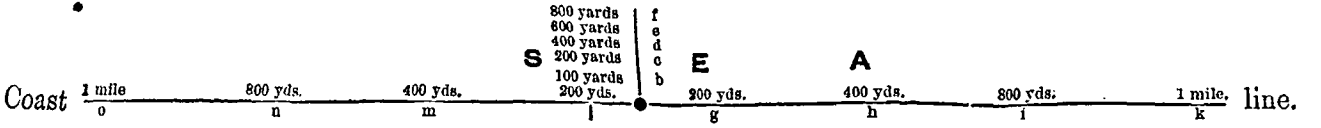
No. 28403 OF 1890-91.

Forwarded with Mr. Latham's answers to the questions put by the Committee, to Mr. T. Summers, Secretary, Outfall Committee. Mr. Latham's answers should be substituted for those originally framed by Mr. Rienzi Walton.

H. A. ACWORTH,
Commissioner.

19*th March* 1891.




*Parts per million,*

| | High water 30-10-90. Height 12′ 10″. Previous low water 4′ 6″. Subseqt. low water 1′ 4″. | | High water 20-11-90. Height 10′ 2″. Previous low water 5′ 6″. Subseqt. low water 5′ 2″. | | Low water 31-10-90. Height 1′ 4″. Previous high water 12′ 10″. Subseqt. high water 14′ 6″. | | Low water 20-11-90. Height 5′ 6″. Previous high water 12′ 8″. Subseqt. high water 10′ 2″. | |
|---|---|---|---|---|---|---|---|---|
| | Free Amm. | Albu. Amm. | Free Amm. | Albu. Amm. | Free Amm. | Albu. Amm. | Free Amm. | Albu. Amm. |
| a. | | | | | | | | |
| b. 100 yds. .. | 3·74 | 1·21 | 2·94 | ·31 | ·27 | ·16 | ·32 | ·43 |
| c. 200 „ .. | 3·60 | ·96 | 2·00 | ·37 | ·27 | ·09 | 3·07 | ·68 |
| d. 400 „ .. | ·03 | ·07 | 1·20 | ·24 | ·16 | ·18 | 6·67 | ·49 |
| e. 600 „ .. | .. | .. | ·00 | ·09 | .. | .. | ·04 | ·10 |
| f. 800 „ .. | .. | .. | ·01 | ·11 | .. | .. | ·03 | ·13 |
| g. 200 „ .. | 1·60 | ·36 | 1·07 | ·31 | 1·20 | ·30 | 1·07 | ·20 |
| h. 400 „ .. | 1·20 | ·33 | ·27 | ·25 | ·93 | ·26 | ·05 | ·17 |
| i. 800 „ .. | .. | .. | ·04 | ·15 | .. | .. | ·03 | ·18 |
| k. 1 mile .. | .. | .. | ·00 | ·19 | .. | .. | ·00 | ·15 |
| l. 200 yds. .. | 1·07 | ·18 | 3·33 | ·70 | 1·20 | ·52 | .. | .. |
| m. 400 „ .. | ·03 | ·24 | ·03 | ·40 | ·07 | ·25 | ·13 | ·36 |
| n. 800 „ .. | ·03 | ·10 | 1·87 | ·31 | ·80 | ·33 | ·00 | ·10 |
| o. 1 mile .. | .. | .. | ·13 | ·15 | .. | .. | ·03 | ·10 |

*General Information. From Parke's Hygiene.*

| | Free Amm. | Albu. Amm. |
|---|---|---|
| Pure water .. .. .. .. .. | 0 to ·02* | 0 to ·05* |
| Usable water .. .. .. .. .. | 0 to ·05* | 0 to ·10* |
| London rain .. .. .. .. .. | .. | ·33 |
| Mid-Atlantic .. .. .. .. .. | .. | ·03 |

* These numbers may be exceeded in water thoroughly good for drinking, for ex. rain water often contains a large amount of Free Ammonia probably derived from soot, which is harmless.

*From Report of Royal Commission on Metropolitan Sewage Discharge; p. 163.*

| | Free Amm. | Albu. Amm. |
|---|---|---|
| Thames Southend .. .. .. .. | .. | ·00 min. to ·14 max. |
| „ Midstream at London Bridge .. | ·41 | ·20 |
| „ Greenwich Midstream .. .. | 1·03 | ·39 |
| „ 200 yards from Northern Outfall and beyond Sewage Line. | 3·36 | ·96 |
| „ 70 yards from Northern Outfall sewage and river water meeting .. .. .. .. | 15·03 | 3·63 |
| „ Erith .. .. .. .. | .. | 2·86 max. ·06 min. ·94 mean |

# BOMBAY MUNICIPALITY.

| | Free Amm. | Alb. Amm. |
|---|---|---|
| 200 yards from Outer Light Ship 22-11-90. 2 hours ebb .. .. .. | ·00 | ·08 |
| Back Bay (2 hours ebb 22-11-90 and high water 20-11-90) .. .. .. | ·00 | ·12 |
| Chowpatty .. .. .. .. .. .. .. .. .. .. | ·01 | ·16 |
| Apollo Bunder .. .. .. .. .. .. .. .. .. | ·12 | ·08 |

*Analysis of London Sewage as compared with Bombay Sewage.*

| Analysis taken from | Source. | Free Amm. | Albu. Amm. |
|---|---|---|---|
| | | In parts per million. | |
| Report of Royal Commission on Metropolitan Sewage Discharge, pp. 156—158. | *London Sewage.* | | |
| | Southern Outfall from Pumps, mean .. .. .. .. | 41·66 | 5·23 |
| | Northern Outfall from Sewers, mean.. .. .. .. | 50·50 | 5·84 |
| | Sample in which Albu. Amm. is a maximum .. .. | 83·14 | 10·80 |
| | sample in which Albu. Amm. is a minimum .. .. | 35·00 | 2·60 |
| | *Bombay Sewage.* | | |
| | Love Grove Outfall from Pumps, 9 A.M. .. .. .. | 106·66 | 2·90 |
| | Do. do. 8 P.M. .. .. .. | 80·00 | 1·70 |

*Analysis of Mud.*

The expression organic and volatile matter may be taken to represent the total organic contamination, including Free and Albuminoid Ammonia.

It is impossible to state what percentage of this is due to sewage contamination, and the results are only of value comparatively.

*Analyses of Samples of Mud from River Thames and from neighbourhood of Love Grove Sewage Outfall, &c.*

| Analysis taken from | Locality. | Organic and volatile constituents. | Mineral constituents. | Remarks. |
|---|---|---|---|---|
| | | Percentage. | | |
| Report of Royal Commission on Metropolitan Sewage Discharge, p. 152. | 1. About 300 feet above Crossness Pumping Station .. | 17·23 | 82·77 | |
| | 2. About 1,000 feet do. do. | 7·95 | 92·05 | |
| | 3. Just above Barking Outfall .. .. | 16·62 | 83·98 | |
| | 4. Off Erith .. .. .. .. .. | 42·20 | 57·80 | |
| | 5. Above Westminster Bridge .. .. | 17·90 | 82·10 | |
| | 6. Within 1 mile of Love Grove Outfall, mean .. .. .. .. .. | 17·47 | 82·53 | |
| | 7. From 1 mile to 2 miles of do. .. | 16·08 | 83·92 | |
| | 8. „ 2 miles to 4 do. do. .. | 15·18 | 84·82 | |
| | 9. „ 4 miles to 6 do. do. .. | 14·69 | 85 31 | |
| | 10. „ 6 miles to 9 do. do. .. | 14·51 | 85·49 | |
| | 11. Sample in which organic and volatile constituents is a maximum (¾th mile S. W. from Outfall Pipe) .. | 18·43 | 81·57 | |
| | 12. Do. do. is a minimum (6 miles S. W. from Outfall Pipe) .. | 11·39 | 88·61 | |
| | 13. Back Bay about 150 yards West of Swimming Baths .. .. .. | 5·93 | 94·07 | Sand. |
| | 14. Harbour—Foot of steps opposite Yacht Club .. .. .. .. | 5·47 | 94·53 | Do. |
| | 15. Top of Outfall Pipe .. .. .. | 24·77 | 75·23 | Slimy mud. |
| | 16. Back Bay—about 200 yards seawards opposite the Wilson College .. | 16·27 | 83·73 | Mud. |
| | 17. Harbour about 80 yards for centre steps as Apollo Bundar .. .. | 13·51 | 86·49 | Do. |

*Note.*—The small percentage of organic and volatile matter in samples 13 and 14 as compared with 16 and 17 is probably owing to the former samples being composed principally of sand, which does not retain organic matter as mud does.

## APPENDICES.

*Proceedings of Committee Meeting held at the Port Trustees' Board Room on 17th April 1891, at 3 p. m.*

*Present*:—All the Members, *viz.*:—

Mr. T. D. LITTLE,
Colonel G. L. C. MEREWETHER, R.E., Chairman,
Deputy Surgeon-General W. E. CATES,
Colonel E. D'O. TWEMLOW, R.E.,
Mr. H. A. ACWORTH,
Surgeon-Major C. W. MACRURY,
Sir HENRY MORLAND, Kt.,
Dr. T. BLANEY,
Mr. G. E. ORMISTON,
and the Secretary, Mr. T. SUMMERS.
Mr. RIENZI WALTON, Municipal Executive Engineer, was also present.

1. After considerable discussion, and reading of memorandum by Mr. Little, it was proposed by Mr. Little, seconded by Mr. Acworth, and carried, "That the Committee do not approve of the proposed change of the outfall from Warli to the point at Colaba now under consideration. In their opinion no outfall at Colaba for the sewage of the City should be considered, unless beyond the Prongs Light-house, the cost of which they understand would be so great as to be practically prohibitive."

2. It was arranged that Mr. Little should forward, for record, the memorandum which he had read at the Meeting, and that Mr. Acworth should send another for the same purpose.

3. Also that the above Resolution should be forwarded to Government, together with the Minutes of Proceedings of the Committee's meetings, answers to questions put by the Committee, estimates, and analyses of water and mud, and the plans received; and that all the other correspondence which has come before the Committee should be sent to Government in a separate file.

G. L. C. MEREWETHER, Colonel, R.E.,
Chairman.

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*Notes on the proposed change of Outfall for the Bombay Sewage Discharge.*

In deciding on an outfall for sewage the main points for consideration in my opinion are:—

(*a*) The position in regard to population.
(*b*) The position in regard to winds.
(*c*) The position in regard to the Coast.

The question of position in regard to population is acknowledged to be one of primary importance. The opinion of Messrs. Bidder, Hawksley, and Bazalgette, who were consulted in regard to the outfalls for the Metropolitan Sewage, contains the following passage:—

We have, therefore, unhesitatingly selected for recommendation, as points of outfall, places situated in approachable situations, as near as possi-

ble to the Metropolitan boundary, and as far as possible from human habitations. Barking Creek on the north side, and Crossness Point on the south side, fulfil all the favourable conditions that are attainable on either side of the river. Both are situated in low and dreary marshes, where neither the works nor the sewage can give reasonable cause of offence to any one. Barking Creek is about 2 miles from Woolwich and about 4¼ miles from Erith. Crossness Point is midway between the two places, and about 3¼ miles from each.

2. The principles which guided the recommendations alluded to are as true and applicable now as when they were enunciated in 1858, and the report in which they were stated has been quoted by the latest Royal Commission on the subject. In their second report (November 1884) the Royal Commissioners appointed to consider the question of the Metropolitan sewage discharge give, as one of the results of their investigations, their opinion to the effect that outfalls must from their nature be objectionable. Their report on this point is as follows :—

Then, secondly, it is next to impossible that the discharge of matters of so offensive and putrescible a character can be effected without tending to produce grave evils in the places where they become exposed. Whether the sewage be discharged into the sea, or into tidal estuaries, or into inland running streams, these evils must always be present in a greater or less degree. In what would seem to be the most favourable case, namely, a discharge upon the sea-coast, great nuisance often occurs, while in tidal rivers or running streams the defilement and pollution are often such as to cause mischief of an alarming character.

3. Sir R. Rawlinson, in his evidence before the Commission referred to, gave his opinion in regard to sewage tanks, and although the views enunciated might not be accepted by all sanitary authorities, they deserve consideration as expressing the convictions of a Sanitary Engineer of eminence and experience. Sir R. Rawlinson practically admits in his evidence that tanks cannot be avoided in all situations, and I quote his views, not because I desire to oppose tanks altogether, for they may in some situations be the least of a choice of evils, but I make the quotation to show that they may be a nuisance in themselves, and should therefore be as remote as practicable from centres of population. The following is a portion of the evidence referred to :—

(*Colonel Ewart*)—We have had it in evidence that the Metropolitan Board of Works propose to increase their existing tanks at the present outfalls; would you think that desirable ? No, I would rather they took the money out to sea, and sunk it in deep water.

(*Chairman*)—But supposing they will not; would what Colonel Ewart suggests to you be an improvement ? No, it would add to the nuisance.

(*Colonel Ewart*)—If you extended the sewers, you would provide additional tankage, would you not, by sewers acting as tanks ? No.

If you extend the sewers further down below the present outfalls, that extension becomes tankage, does it not ? Yes, but my idea is that your sewage would never be tanked at all, but would be unceasingly gravitating into the sea ; that your outlets would always be emptying themselves, and that you would get rid of the tanks.

(*Dr. Stevenson*)—Are there not objections to the storage of the sewage for any consecutive number of hours. What happens to the sewage when it is stored for six or eight hours ? It sets up fermentation, which never ceases, and it imparts it very quickly to fresh sewage.

4. With the above evidence to guide us, I think we are bound to look on any outfall or sewage tank as a possible and even probable cause of nuisance, and the nuisance may be seriously increased by proximity to centres of population. From the standpoint of position in regard to population it seems to me that Warli is more favourable than Colaba. Taking the present outfall as a centre a circle with a radius of a mile embraces an area in which there is only a very sparse residential population, whereas the same radius from the proposed Colaba outfall will include most of the military buildings. The bulk of the troops will, I find, be within the one-mile radius, and some within a little more than half a mile from the outfall, and a still shorter distance from the 8 or 12 acre sewage tank.

5. I may be met with the reply that there are sewage works in England in the vicinity of troops, and I have endeavoured to obtain information on this point. I find that at Portsmouth the pumping station is near the Eastney Fort, but the tanks are at a considerable distance, the rising main connecting these with the pumping station being 1,500 yards in length, while the outfall is still farther off. The ventilation is by flues connected with a coke furnace and with a chimney. The sewage can be discharged from the tanks, which cover 3¼ acres, in one hour, and there is a tidal range varying from 10½ feet at neaps to 13½ feet at springs. The Corporation of Portsmouth are, it appears, under an obligation to the War Department to dispose of the sewage without creating a nuisance by fouling the foreshore, and their works have been designed with a view to this.

At Newhaven there is a storage culvert of small capacity near the Fort Hospital of the War Department, and on this no ventilating openings of the ordinary kinds were allowed to be constructed, but an inlet was placed near the outlet, and a tall ventilating tower at the other end. The tidal range in this case varies from 15 to 20 feet.

6. I speak only my own personal opinion, but I conclude that the Military Department in this country will be as anxious as the War Department in England to guard the sanitary welfare of the troops stationed at Colaba, and the Municipality may, as at Portsmouth, be asked to give an undertaking to prevent any nuisance to the Colaba Cantonment from their sewage works, and any charge under this head for future remedial measures might require to be added to the cost of the sewerage project.

7. I have taken a radius of a mile from the outfall, as that includes the area most likely to be affected, but it may be said that eventually this area will be required for building purposes. I admit this as a probability of the future, and I should be prepared, when the time arrives, to remove from the present position to one more to the north, and possibly farther out to sea, and the saving which would be affected as against the Colaba project,

and the interest that would accrue on this saving would give a future fund which might be enough to carry out the change, and perhaps to provide for some system of deposition or precipitation, should this prove necessary or desirable.

8. The next point (*b*) is the position in regard to wind, and here I concur with Mr. Baldwin Latham that Colaba has a decided advantage. It should, however, be borne in mind that the breezes between S.E. and S.W. must not be altogether neglected, for they prevail on an average about 960 hours or 40 days in the year, and in 1883 their total amounted to 1,249 hours or 52 days. That is to say, if the winds from these quarters had been continuous, they would have made up the total of 52 days out of the 365, or, if they had been equally divided, they would have prevailed for about 3½ out of the 24 hours daily. Considering that smells for a few hours, for a few days in the year, cause considerable inconvenience at Byculla, the large proportion of winds from the direction of a neighbouring outfall and reservoir might reasonably be objected to at Colaba. The one reason for removing the present outfall at a very heavy cost is the possibility of nuisance during the prevalence of winds from the west and north, but the nuisance, though much less frequent, would be more intense at Colaba, owing to the shorter distance. In fact, in one case there would be greater intensity for a shorter time, and in the other, reduced intensity for a longer time.

9. The third point (*c*) is the position in regard to the coast line, and I should probably have agreed with Mr. Baldwin Latham if he had taken his outfall into moderately deep water south of the Prongs Light-house, but I venture to think that the existing outfall is more favourable in respect to the coast line than the point now proposed. In the Committee of 1878 there was a consensus of opinion, so far as nautical authorities were concerned, that both ebb and flood tides had for some portion of their duration a set towards and across the ridge of rock between Colaba Point and the Prongs Light-house, and, if this is so, it is surely undesirable to place an outfall in the position indicated on the map received with Mr. Baldwin Latham's replies. To understand the matter a chart showing the rocky ridge should be referred to, or the proposed location should be examined on the ground. While at Portsmouth the range of tides at neaps is 13·6 and at Newhaven 15 feet, at Bombay it is occasionally under 2 feet, and at times several tides in succession have less than a 5-feet range, and at such times there is comparatively little motion. This range of tides has not, I think, been sufficiently allowed for, as it is a most important factor, for emptying sewers on a coast with a tidal range of less than 2 feet would be emptying them into almost still water, and these weak tides are too frequent to be neglected.

10. What I fear is that the ridge of rocks may to some extent become coated with sewage matter, and that some of the solids in suspension may be deposited about the rocks where sand is now deposited during the fair season. The risk of this would be greatly reduced by carrying the outfall into deep water south of the Prongs, as recommended in 1867 by Sir Robert Napier (afterwards Lord Napier of Magdala), Commander-in-Chief of the Bombay Army, and approved of at the time by the Government of Bombay.

*Extract from Minute by His Excellency Sir Robert Napier.*

"The point on which there is room for a difference of opinion is that of the place of discharge, which I think should be carried out to the Prongs; I doubt if anything short of it will be safe."

11. The Warli outfall discharges at once into deep water, and the current is so strong that there is no sand, and nothing but stones and rock. It has the advantage, too, of the Warli Hill, which acts as a screen for the Bombay City, and also to some extent as a chimney, for gases must rise above it before proceeding in the direction of the populated area.

12. All things considered I prefer the position of the Warli outfall, in regard to the coast line, to the alternative under consideration, though I think a point south of the Prongs might, as regards the coast and currents, be better than either, but it would be far more costly. With respect to remoteness from population, too, I have already stated my preference for Warli, which I consider distinctly superior, and though I admit that as regards winds Colaba has the advantage, I am of opinion that the balance on the whole is decidedly in favour of Warli.

13. In spite of the greater weight of sea water, I would rather avoid a shallow outlet. In the Metropolitan Sewage Enquiry Sir R. Rawlinson recommended twenty outlets, not less than a quarter of a mile apart, carried into 20 feet of water at low-tides, the discharge to be continuous, while Mr. Baldwin Latham in advocating a sea outfall stated that "it would be a *sine qua non*, that the outlet should be carried a considerable distance into deep water." The Royal Commission for the Metropolitan Sewage, while keeping to the present outfalls, adopted the following conclusions :—

"Its discharge should be rigorously limited to the period between high water and half ebb of each tide, and the top of the discharging orifice should be not less than six feet below low water of the lowest equinoctial spring-tides.

For Bombay I would also suggest a minimum depth of 6 feet to the top of discharge orifice.

14. I find that the Committee of 1878 enquired very carefully into the relative merits of Colaba and Warli. There was evidence, extending over some years, of actual results under a faulty system at Love Grove, but though they condemned the weak points of the system, they approved of the site. We have had twelve years' further experience of a much better, though not a perfect

system, and, so far as I have been able to discover, and I have paid many visits to the spot, the existing state of things has justified the former verdict. I would rather remedy any existing evils by improvements in detail, than reverse the former decision by adopting a new site, which in some respects would certainly be less favourable than the present location, and which would involve keeping the sewage longer in the sewers, and would throw heavy additional burdens on the Municipality.

15. It is true that a number of cottages are built over the Metropolitan Sewage Reservoir at Crossness for the use of persons employed on the works, but the reservoirs, as well as the culverts and pump wells, are all connected by flues with the furnaces of the boilers for purposes of ventilation, in a manner similar to that adopted at the Deptford and other pumping stations. Even with these precautions the neighbourhood can hardly be desirable, but at Colaba there would be no pumping, and no furnaces to aid ventilation, and one reason why I prefer Warli is that it would be practicable in that locality to have the Pumping Station adjoining the reservoirs and the whole of the works might be on the coast side of the Warli Hill. It would be possible, at a moderate cost, to have deeper reservoirs, and so to reduce the superficial area by nearly or quite one-half. The reservoirs might be ventilated, too, as at Crossness, or on any improved system, and the levels might be so arranged as to limit the period of discharge to three hours or even one hour.

16. Local considerations induce me to differ with so eminent an authority as Mr. Baldwin Latham in regard to the site of the outfall, but I agree generally in the many valuable suggestions both in regard to sewerage and drainage in Mr. Latham's report. Mr. Latham himself admits that next to Colaba the present site is the best, and he admits also that in some respects the existing location is preferable to the one he prefers and recommends. It appears to me that the Municipality might, with great advantage, apply many of Mr. Baldwin Latham's proposals to his second best site, but this is a matter for the consideration of the Municipal authorities.

T. LITTLE, M. INST. C. E.
Superintending Engineer, N.D.

*18th April 1891.*

The chief features of Mr. Baldwin Latham's report, as far as the question of outfall is concerned, were, as I understood them,—

(*a*) that the outfall should be at Colaba ;

(*b*) the construction of a high-level gravitation sewer from Parel to Colaba.

"In this way a high-level gravitation sewer may be formed all the way from above Government House at Parel to Colaba * * *
The outfall sewer may have an invert level at Colaba of 83 T.H.D., and to take the sewage of the whole island would require to be 7' 6" in diameter,

and have a fall of 1 in 2,500; but as it passed upwards into the district its diameter would diminish, while its rate of fall would increase," &c. (page 64).

(*c*) That the sewerage works which have already been completed should (with the exception of those in Kamathipura, page 51) continue to be used as at present, but that the sewage collected by them should be taken across from Love Grove to the new outfall sewer by iron mains under pressure.

"The sewage now or *hereafter* collected at Love Grove pumping station may be taken by the shortest route to the proposed gravitation sewer, and the sewage of all other districts abutting upon the outfall sewer that cannot be conveniently or properly drained into it by gravitation, *or by gravitation into the Love Grove system of sewers*, should be pumped into the high level outfall."

The above seems to me to contemplate that (*a*) districts which could be drained by gravitation into the high-level outfall sewer should be drained into it; (*b*) that districts which could not be drained by gravitation into the high-level outfall sewer, but which could be drained by gravitation into the Love Grove system of sewers, should be drained into the latter; (*c*) that the sewage of all other districts should be pumped into the outfall sewer.

The project also included as essential features the construction of a sewage reservoir at Colaba, and the discharge from it into the sea during the first four hours of ebb-tide. I also believed that Mr. Baldwin Latham was of opinion that the point of discharge should be clear of the Prongs.

"The only proper solution of the sewage problem in Bombay is the discharge of the sewage into the sea at the south end of the island at *a point entirely clear of the coast line*, and in such a way that its discharge shall be limited to four hours on each ebb-tide, and that a covered reservoir of sufficient capacity, capable of retaining one-half the full volume of sewage, should be constructed on the foreshore at the point of outfall," &c. (pages 45 & 46.)

The central principle continues to be that Colaba is the proper point of outfall, but there have been serious changes in points of detail from what I, and I believe the Committee generally, believed to be the features of the scheme.

Mr. Baldwin Latham in writing to me on 3rd January last observes—

"I was of distinct opinion that, if the principle of the Colaba outfall was admitted, and it was determined that the sewage was to be taken there as the only proper and sanitary point of outfall, all questions as to the internal method of conveying the sewage to the outfall sewer could then be determined."

There is obvious justice in this remark, and as the duty of the Committee is simply to report upon the question of outfall and not upon the manner in which the sewage is to be conveyed to it, I should not have referred to the latter point or to any real or supposed changes affecting it if a question had not arisen as to the reasons which rendered those changes necessary.

The proposals now are:—

(*a*) That the outfall should be at Colaba, but at a point 6,000 feet within and short of the Prongs Lighthouse;

(*b*) That the sewage now flowing to Love Grove should be intercepted at Clerk Road and taken by a low-level sewer to a pumping station at Mazgaon west of the G. I. P. Railway, and I believe near Hancock Bridge, and be there pumped up into a high-level sewer, starting from that point and not from Parel;

(*c*) That the invert level of the sewer at the point of discharge into the reservoir at Colaba should be 80' T.H.D.

This change in invert level is caused by the necessity of putting the outfall sewer entirely below the level of the roads; but Mr. Baldwin Latham would prefer the sewers to be put in at 2 feet higher level.

(*d*) The abolition of the Love Grove pumping station and transfer of power to the new pumping station at Mazgaon.

"It is found that the gravitation sewer cannot begin at Parel owing to the level of the G. I. P. Railway."

I do not clearly follow this. On the section on which the original outfall sewer was calculated I believe the railway itself was not shown, but if the dip in the section where the railway crossed it was shown, as I believe it was, I am not able to appreciate the necessity of also showing that it was a line of railway which caused the dip. The question, however, is one of a technical character, and has no practical bearing upon the matter before the Committee.

It was estimated that the scheme for transferring the outfall to Colaba on the original lines of Mr. Baldwin Latham's report, and before he had explained to the Committee, as he was good enough to do, the particulars in which his views had been mistaken by them, would cost about 140 lakhs. This was evidently prohibitive.

The amended scheme, however, is estimated at very much less, *viz.*, Rs. 54,37,749. It is, perhaps, however, a question whether the rates on which this estimate has been framed are not too favourable. For instance, as matters within my personal experience, I may refer to the estimates for land compensation. I see 27,556 square yards of land near Colaba foreshore taken at Rs. 3. I do not think we could get any reclaimable land on the Colaba foreshore for less than five times this figure. Taking it at only Rs. 9 instead of Rs. 3, it would raise the compensation for this piece of land alone from Rs. 82,668 to Rs. 2,48,004. In the same way I doubt the adequacy of other rates shown for land compensation, which would throughout cost very much more than the estimate.

It has, however, to be borne in mind that the whole of this expenditure of Rs. 54,37,749 is not exclusively contingent upon the transfer of the sewage outfall to Colaba, though the greater part of it is. Whether the outfall be transferred to Colaba or retained at Love Grove, expenditure on new pump and pumping engines and (if Mr. Baldwin Latham's recommendation is carried out, as I hope it will be) on a sewage reservoir will be necessary. I should, however, be very much surprised if the transfer to Colaba did not entail a net addition to expenditure on sewage of at least half a crore of rupees, even with the outfall short of the Prongs as is proposed, and I do not think the Municipal Corporation at all likely to purchase the advantage on those terms.

The additional cost of extending the outfall beyond the Prongs would probably not be less than 35 or 36 lakhs of rupees. I take it that there is no probability that Government will allow of a Colaba outfall which is not beyond the Prongs. If I am right, the additional expense of transferring the outfall to Colaba, over and above what must in any case be spent on works of internal sewerage, and after making allowances by way of set-off for the cost of improvements at the present point of outfall, will probably not be less than 85 lakhs of rupees or thereabouts. Unless the comparative disadvantages of the Warli outfall and advantages of the Colaba outfall were much greater than they are stated to be, I do not think any Municipal Commissioner would recommend, or any Corporation undertake, such an enormous liability as this. The financial difficulties in the way of the change, therefore, though very much less than they were originally supposed to be, seem still to be insuperable.

Under these circumstances, it is very satisfactory to note that Mr. Baldwin Latham has recorded the opinion that the present outfall, if not the best, is certainly the second best to be found in the island.

H. A. ACWORTH,
Municipal Commissioner.

1*st May* 1891.

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